REPLACE FIRE ALARM PANELS, INFRASTRUCTURE CROSSROADS CORRECTIONAL CENTER (CAMERON, MISSOURI)



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

OWNER:

STATE OF MISSOURI

MICHAEL L. PARSON,

GOVERNOR

DEPARTMENT OF CORRECTIONS

PROJECT

OFFICE OF ADMINISTRATION

MANAGEMENT: DIVISION OF FACILITIES MANAGEMENT,

DESIGN AND CONSTRUCTION

DESIGNER:

FSC Inc

PROJECT NUMBER:

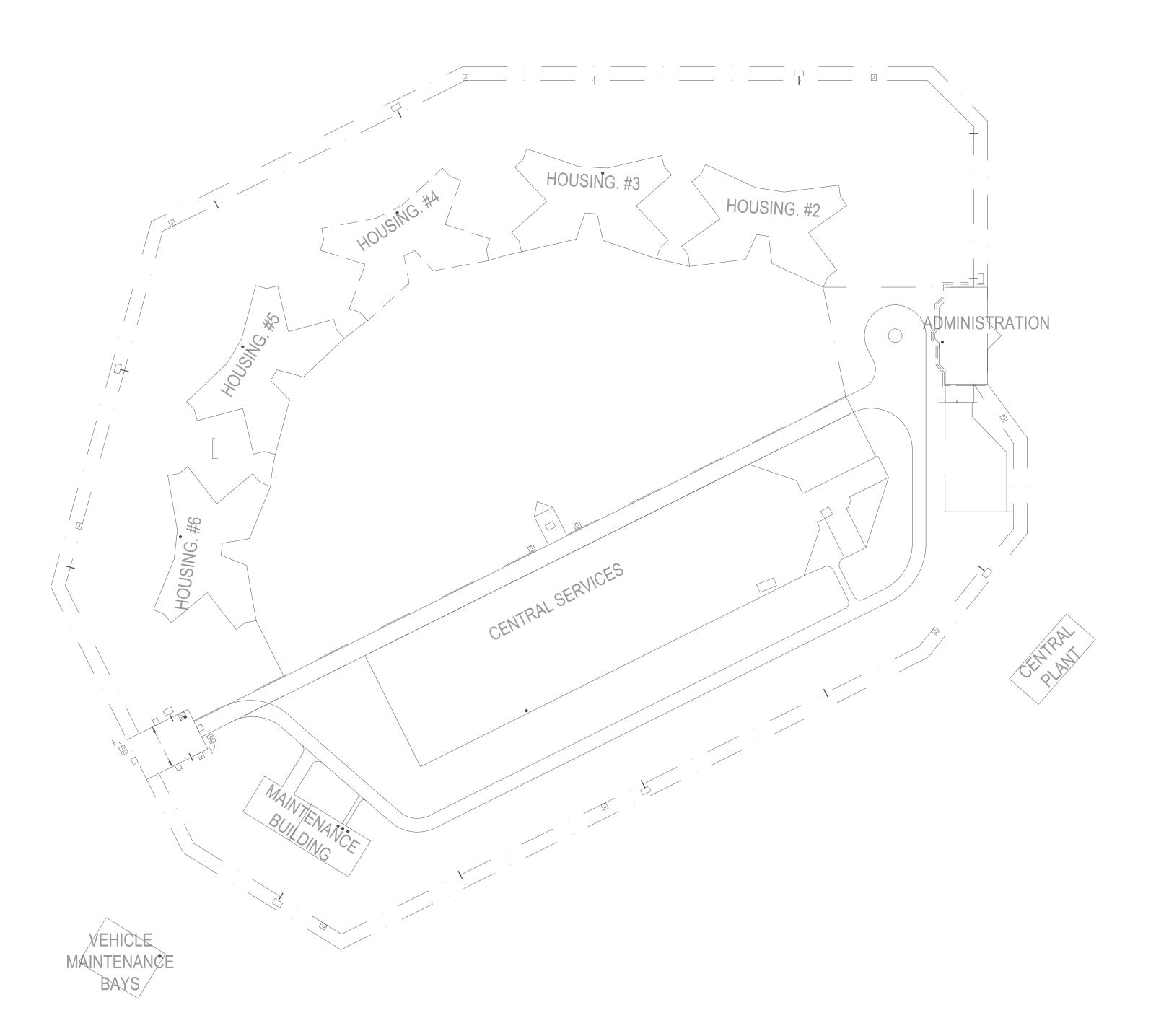
C2404-01

SITE NUMBER: ASSET NUMBER:

7015

9327015027

CROSSROADS CORRECTIONAL CENTER CAMERON, MISSOURI

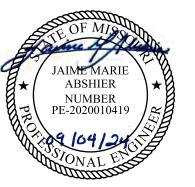


1	FIRE ALARM SITE PLAN	
I /	N.T.S.	



SHEET NUMBER	SHEET NAME
FA-000	COVER SHEET
FA-001	FIRE ALARM SITE PLAN
FA-002	FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS
FA-003	FIRE ALARM SCHEMATIC DETAILS
FA-004	TYPICAL EQUIPMENT MOUNTING GUIDELINES
FA-100	ADMINISTRATION BUILDING FIRST FLOOR - FIRE ALARM PLAN
FA-101	ADMINISTRATION BUILDING SECOND FLOOR - FIRE ALARM PLAI
FA-200	FIRST & SECOND FLOORS CENTRAL SERVICES - ADMINISTRATION SEGREGATION BLDG FIRE ALARM PLAN
FA-201	AREA 3 - FLOOR PLAN MEDICAL/EDUCATIONAL/ SERVICES - FIRE ALARM PLAN
FA-202	AREA 2 - FLOOR PLAN MEDICAL/EDUCATIONAL /SERVICES - FIRE ALARM PLAN
FA-203	AREA 1 - CENTRAL ADMINISTRATION - WAREHOUSE/INDUSTRIES FIRE ALARM PLAN
FA-300	FIRST FLOOR PLAN HOUSING - FIRE ALARM PLAN
FA-301	SECOND FLOOR PLAN HOUSING - FIRE ALARM PLAN
FA-400	MAINTENANCE/SERVICE BUILDING - FIRE ALARM PLAN
FA-500	CENTRAL PLANT BUILDING- FIRE ALARM PLAN
FA-600	VEHICLE MAINTENANCE BUILDING- FIRE ALARM PLAN
FAD-100	ADMINISTRATION BUILDING FIRST FLOOR - FIRE ALARM DEMO PL
FAD-101	ADMINISTRATION BUILDING SECOND FLOOR - FIRE ALARM DEMO F
FAD-200	FIRST & SECOND CENTRAL SERVICES - ADMINISTRATION SEGREGA BLDG FIRE ALARM DEMO PLAN
FAD-201	AREA 3 - FLOOR PLAN MEDICAL/EDUCATIONAL/ SERVICES - FIRE ALARM DEMO PLAN
FAD-202	AREA 2 - FLOOR PLAN MEDICAL/EDUCATIONAL /SERVICES - FIRE ALARM DEMO PLAN
FAD-203	AREA 1 - CENTRAL ADMINISTRATION - WAREHOUSE/INDUSTRIES FIRE ALARM DEMO PLAN
FAD-300	FIRST FLOOR PLAN HOUSING - FIRE ALARM DEMO PLAN
FAD-301	SECOND FLOOR PLAN HOUSING - FIRE ALARM DEMO PLAN
FAD-400	MAINTENANCE/SERVICE BUILDING - FIRE ALARM DEMO PLAN
FAD-500	CENTRAL PLANT BUILDING FIRE ALARM DEMO PLAN
FAD-600	VEHICLE MAINTENANCE BUILDING FIRE ALARM DEMO PLAN

STATE OF MISSOURI MICHAEL L. PARSON, GOVERNOR



FOR FIRE ALARM GENERAL NOTES, SYMBOLS,



8675 W 96TH STREET OVERLAND PARK, KS. 6621 PHONE: 816.33.4373

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

CAD DWG FILE:C2404-01-FA-SIT-002
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

FIRE ALARM SITE PLAN

SHEET NUMBER:

FA-001

GENERAL NOTES

- 1. ALL NOTES IN THIS DRAWINGS ARE INTEGRAL PART OF THE CONTRACT DOCUMENT AND MUST READ IN CONJUNCTION WITH ALL PACKAGE ELEMENTS (SPECIFICATIONS, LAYOUTS,...ETC.)
- 2. INSTALLATION CONTRACTOR SHALL MAINTAIN A LEGIBLE AND ACCURATE SET OF AS-BUILT (MARKED-UP) DRAWINGS FOR RECORD DRAWING PURPOSES AND PROVIDE AS-BUILT PLANS TO FSC, INC. TO ALLOW PROPER RECORD KEEPING BY FSC INC. ENGINEERING DEPARTMENT.
- 3. INSTALLATION CONTRACTOR SHOULD BE FAMILIAR WITH CURRENT STANDARDS OF NFPA 72, NFPA 70, IBC, AND LOCAL CODE REQUIREMENTS. THIS INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPLICABLE CODES, STANDARDS, LOCAL AMENDMENTS AND MANUFACTURER'S SPECIFICATIONS.
- 4. THE FIRE ALARM DRAWINGS ARE SCHEMATIC IN NATURE AND SHOW A MINIMAL QUANTITY OF DEVICES. DETERMINE THE FINAL QUANTITY AND LOCATION OF ALL DEVICES IN ACCORDANCE WITH THE SPECIFICATIONS, CONTRACT DRAWINGS, AND MANUFACTURER'S WRITTEN RECOMMENDATIONS TO BE COMPLIANT WITH ALL APPLICABLE CODES AND STANDARDS. PROVIDE ADDITIONAL DEVICES WHEN REQUIRED FOR A FULLY FUNCTIONING FIRE ALARM SYSTEM AS REQUIRED BY NFPA 72
- 5. 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.
- 6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK LOCATIONS, DEPTHS, ELEVATIONS, AND SIZES OF THE EXISTING SYSTEMS THAT SHALL BE REPLACED. THE CONTRACTOR SHALL ASSUME SOME DEVIATIONS AND INCLUDE OFFSETS, ADDITIONAL WIRING, ETC. AT THE TIME OF BID, ALSO CONTRACTOR SHALL BE AWARE OF THE FULL EXISTING PROJECT / SYSTEM CONDITIONS AT TIME OF BID.
- 7. FIRE ALARM SYSTEMS AND NETWORK SHALL BE NON-PROPRIETARY.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL CONDUITS, BOXES, ETC. AND FIBER FROM THE FACU TO EACH BUILDING'S FIBER PATCH PANEL.
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TERMINATIONS AND PROGRAMMING, INCLUDING FIBER MODULES (SINGLE MODE OR MULTIMODE) AND PROGRAMMING.
- 10. FIRE ALARM SEQUENCE OF OPERATION SHALL BE APPROVED BY THE STATE OF MO PRIOR TO CONFIGURATION.

- 11. A MONITOR SHALL BE LOCATED IN THE MAIN GUARD STATION, DEDICATED TO THE FA SYSTEM THAT ALLOWS SECURITY TO MONITOR EACH BUILDING AT A GLANCE. A TROUBLE OR ALARM IN ANY BUILDING OR FACU WILL ACTIVE A NONFICTION ON THE SCREEN AND PROVIDE AUDIBLE NOTIFICATION (SONALERT OR SIMILAR) THAT THERE IS AN ISSUE AT XX BUILDING.
- 12. THE CONTRACTOR IS RESPONSIBLE FOR CONNECTING AND INTEGRATING ALL FIRE ALARM UNITS INTO THE CAMPUS NETWORK. THE CONTRACTOR SHALL COORDINATE WITH THE INTERNAL SITE IT REPRESENTATIVES TO OBTAIN IP ADDRESSES AND OTHER REQUIRED INFORMATION FOR NETWORK PROGRAMMING. THE CONTRACTOR SHALL 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
- 13. ENGAGE SPRINKLER CONTRACTOR AS NECESSARY TO REPLACE SPRINKLER MONITORING EQUIPMENT.
- 14. 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.
- 15. THE LOCATION OF THE DEDICATED BRANCH CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY IDENTIFIED AT THE CONTROL UNIT.
- 16. 120VAC CIRCUITS SHALL BE RUN IN SEPARATE CONDUIT.
- 17. ALL NON-POWER LIMITED WIRING SHALL HAVE A MINIMUM OF A 1/4" SEPARATION FROM POWER LIMITED WIRING.
- 18. ALL WIRING AND/OR CABLES SHALL BE ROUTED IN CONDUIT AND FIRE ALARM RATED.
- 19. TEE-TAPPING IS ONLY PERMISSIBLE ON CLASS 'B' SLC CIRCUITS.
- 20. 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.
- 21. 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.
- 22. SET STROBES TO CANDELA NOTED ON PLAN SHEET.

- 23. REFER TO DEVICE INSTALLATION SHEETS FOR BACK BOX REQUIREMENTS.
- 24. REFER TO DEVICE INSTALLATION SHEETS FOR REQUIREMENTS ON INSTALLING ALL EQUIPMENT.
- 25. ALL CIRCUITS SHALL BE IDENTIFIED AT TERMINAL AND JUNCTION LOCATIONS WHICH WILL HELP PREVENT UNINTENTIONAL SIGNALS TO OCCUR ON THE SYSTEM.
- 26. ALL WIRING CIRCUITS TO BE CHECKED FOR PROPER ELRD (END OF LINE RESISTOR DEVICE) READINGS. ALL GROUND FAULTS AND SHORTS SHALL BE ELIMINATED PRIOR TO FINAL ACCEPTANCE TESTING.
- 27. INTEGRITY OF CIRCUIT SHALL BE TESTED TO VERIFY THAT WHEN THE SYSTEM IS IN AN ENERGIZED STATE THE SYSTEM WILL FUNCTION PROPERLY.
- 28. 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 WHOSE DIRECT RESPONSIBILITY INCLUDES DESIGN AND ENGINEERING.
- 29. SMOKE DETECTORS SHALL NOT BE LOCATED IN A DIRECT AIR FLOW OR CLOSER THAN 3 FEET FROM AN AIR SUPPLY DIFFUSER OR RETURN AIR OPENING. SMOKE DETECTORS SHOULD BE LOCATED FARTHER AWAY FROM HIGH VELOCITY AIR SUPPLIES.
- 30. SMOKE DETECTORS SHALL BE SPACED AS INDICATED ON THE DRAWINGS AND FOLLOW THE SPACING REQUIREMENTS SPECIFIED IN NFPA 72. ANY CHANGES IN SMOKE DETECTOR LAYOUT DUE TO OBSTRUCTIONS IN THE CEILING SHALL BE REVIEWED AND APPROVED BY AN FSC, INC. REPRESENTATIVE WHOSE DIRECT RESPONSIBILITY INCLUDES DESIGN AND ENGINEERING.
- 31. FIRE SPRINKLER WATER FLOW AND VALVE TAMPER SWITCHES SHALL BE MONITORED BY THE FIRE ALARM SYSTEM (IF APPLICABLE).
- 32. AIR HANDLER UNITS THAT ARE GREATER THAN 2000 CFM SHALL BE EQUIPPED WITH A DUCT SMOKE DETECTOR IN THE RETURN DUCT. VERIFY LOCATION IN FIELD.
- 33. NOTIFICATION APPLIANCE CIRCUITS ARE TO BE 16 AWG 2 CONDUCTOR SOLID FPLR, FPLP, OR THHN WITH A MINIMUM OF 19 STRANDS AS REQUIRED. THHN WIRE MUST BE INSTALLED IN CONDUIT.

- 34. SIGNALING LINE CIRCUITS ARE TO BE 18 AWG 2 CONDUCTOR SOLID FPLR, FPLP (PLENUM RATED) CABLE OR 16AWG OR 18AWG THHN WIRE (MUST BE 7 STRAND OR LESS) AS REQUIRED. THHN WIRE MUST BE INSTALLED IN CONDUIT.
- 35. AUDIO CIRCUITS ARE TO BE 14 AWG 2 CONDUCTOR SOLID SHIELDED TWISTED PAIR FPLR OR FPLP (PLENUM RATED) AS REQUIRED.
- 36. LIMIT NOTIFICATION APPLIANCE CIRCUIT WIRING TO THE SHORTEST POSSIBLE DISTANCE TO ACHIEVE CIRCUIT OPERATION.
- 37. ALL FIRE ALARM CABLE SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 760 OF NFPA 70 NATIONAL ELECTRICAL CODE.
- 38. PLENUM RATED CABLE MUST BE INSTALLED IN ALL PLENUM AREAS WHERE NOT ROUTED IN EMT. RISERS NOT IN CONDUIT MUST USE FPLP CABLE WHEN PENETRATING MORE THAN ONE FLOOR.
- 39. INPUT MODULE END OF LINE RESISTORS ARE BY MANUFACTURER INSTRUCTIONS.
- 40. 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 RESISTOR.
- 41. A SMOKE DETECTOR SHALL BE PROVIDED ABOVE ALL FIRE ALARM CONTROL UNITS.
- 42. WALL MOUNT NOTIFICATION DEVICES SHALL BE INSTALLED AT 80" A.F.F. TO THE BOTTOM OF THE BOX.
- 43. MANUAL PULL STATIONS SHALL BE INSTALLED AT A MINIMUM 42" A.F.F. AND NOT GREATER THAN 48" TO THE OPERATING MECHANISM.
- 44. WHERE (2) OR MORE STROBES ARE VISIBLE THEY WILL BE SYNCHRONIZED.
- 45. ALL NEW REQUIRED CABLING SHALL HAVE INDEPENDENT SUPPORTS.
- 46. PROVIDE AUDIBILITY SOUND LEVEL OF 70 dBA THROUGHOUT THE AREA OF WORK.
- 47. CONTRACTOR SHALL COORDINATE WITH ALL OTHER MEP TRADES (MECHANICAL/ELECTRICAL/PLUMBING) FOR EXACT LOCATION OF CEILING / WALL MOUNTING OF FIRE ALARM

DEVICES.

- 48. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM SPACES FOR SUSPENDED CEILINGS, DETECTORS ABOVE SUSPENDED CEILINGS SHALL CONFORM TO NEPA 72
- PROTECTION THE SYSTEM WAS ORIGINALLY DESIGNED FOR.
- 50. EXISTING CONDITIONS SHOWN IN THE DRAWINGS WAS PROVIDED BY THE STATE OF MISSOURI IN THE FORM OF AS BUILT DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING CONDITIONS AND WIRING.
- 51. NO EXISTING WIRE ROUTING WAS PROVIDED FOR DEMO DRAWINGS. WIRE ROUTING TO BE VERIFIED BY THE CONTRACTOR.
- 52. FSC, INC. SHALL BE NOTIFIED OF COMMISSIONING OF THE
- 53. DESIGN IS IN ACCORDANCE WITH CODES AND STANDARDS LISTED AND THE AHJ OF THE STATE OF MISSOURI.
- b. UL STANDARD 864 STANDARD FOR CONTROL UNITS AND
- c. UL STANDARD 268 STANDARD FOR SMOKE DETECTORS
- FOR FIRE ALARM SYSTEMS
- d. NEC 70 NATIONAL ELECTRICAL CODE
- NOTIFICATION APPLIANCES SHALL BE U.L LISTED, NON
- THE CONTRACTOR WHENEVER REQUIRED.

COOL ENDED CEIEINGO OFFICE CONFORM TO MIT 17/12.
49. EXISTING DEVICES NOT REQUIRED BY THE APPLICABLE COD
WILL BE REPLACED AT A ONE-TO-ONE RATIO IN THEIR
EXISTING LOCATIONS TO MAINTAIN THE EXISTING LEVEL OF
DROTEOTION THE OVOTEN WAS OBJOINED BY DESIGNED FOR

- SYSTEM AND SHALL BE PROVIDED ALL DOCUMENTATION WITH RESPECT TO SYSTEM COMMISSIONING AND AHJ ACCEPTANCE.
- a. NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE -
- ACCESSORIES FOR FIRE ALARM SYSTEMS

- 54. WIRE GUARDS REQUIRED FOR SMOKE DETECTORS / OR UL-LISTED GUARDS SHALL BE REMOVED AND REPLACED
- 55. MONITOR AND CONTROL MODULES SHALL BE PROVIDED BY

FIRE ALARM SYMBOL LEG

REMOTE TEST STATION

FIRE ALARM JUNCTION BOX

FIRE ALARM HORN STROBE

FIRE ALARM HORN / STROBE

FIRE ALARM WATERFLOW BELL

CONTROL MODULE

FIRE ALARM STROBE

FIRE SPRINKLER RISER

WATERFLOW SWITCH

END OF LINE RESISTOR

X: NO.OF WIRES , Y: AWG. SIZE

DESCRIPTION

TAMPER SWITCH

FIRE ALARM ABBREVIATIONS LEGEND

BUILDING AUTOMATION SYSTEM

RELOCATION OF EXISTING DEVICE

DECIBEL (UNIT FOR SOUND PRESSURE)

TRANSIENT VOLTAGE SURGE SUPPRESSOR

CEILING MOUNTED DEVICE

WEATHERPROOF DEVICE

EXPLOSION PROOF DEVICE

PULL STATION COVER

LOW FREQUENCY

HIGH TEMPERATURE

UNLESS NOTED OTHERWISE

HIGH VOLUME LOW SPEED

ABOVE FINISHED FLOOR

SIGNALING LINE CIRCUIT

SERIAL BUS

VOICE BUS

NOT TO SCALE END OF LINE

UNDERGROUND

WIRE GUARD

REMOTE DISPLAY

SPEAKER CIRCUIT AUXILIARY POWER

HIGH VOLTAGE AIR CONDITIONER

NOTIFICATION APPLIANCE CIRCUIT

FIRE DEPARTMENT CONNECTION

ALTERNATING CURRENT VOLTAGE

DIRECT CURRENT VOLTAGE

ELECTRICAL METALLIC TUBING

AIR HANDLING UNIT

NOT IN CONTRACT

SOUNDER BASE

ROOF TOP UNIT

EXISTING DEVICE

END OF LINE

DUEL OR SINGLE INPUT MODULE(S)

SYMBOL

FACU

NAC

VDU

DBOX

co

(1)

RT

CR

J

)•(

H

-

ABBREVIATION

WG

SB

HT

UNO

HVAC

SBUS

UG

FMT

WG

_/	ARM SYMBOL LEGEND	MICHAEL L. PARSON,	
	DESCRIPTION	GOVERNOR	
	ADDRESSABLE FIRE ALARM CONTROL PANEL	OF MISSON	
	12V 7AH BATTERY	JAIME MARIE ABSHIER	
	INTELLIGENT NOTIFICATION POWER SUPPLY	NUMBER PE-2020010419	
	FIRE ALARM ANNUNCIATOR	NONAL ENGLA	
	VIDEO DISPLAY UNIT WITH LCD MONITOR, KEYBOARD, AND PRINTER	FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.	
	FIRE ALARM DOCUMENT BOX		
	MANUAL PULL STATION		
	ADDRESSABLE SMOKE DETECTOR		
	ADDRESSABLE CARBON MONOXIDE DETECTOR	FSC INC.	
	ADDRESSABLE HEAT DETECTOR	ENGINEERS, LLC 8675 W 96TH STREET	
	DUCT SMOKE DETECTOR	OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484	

STATE OF MISSOURI

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

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd,

PROJECT # C2404-01 SITE # 7015 9327015027

Cameron, MO 64429

ASSET#

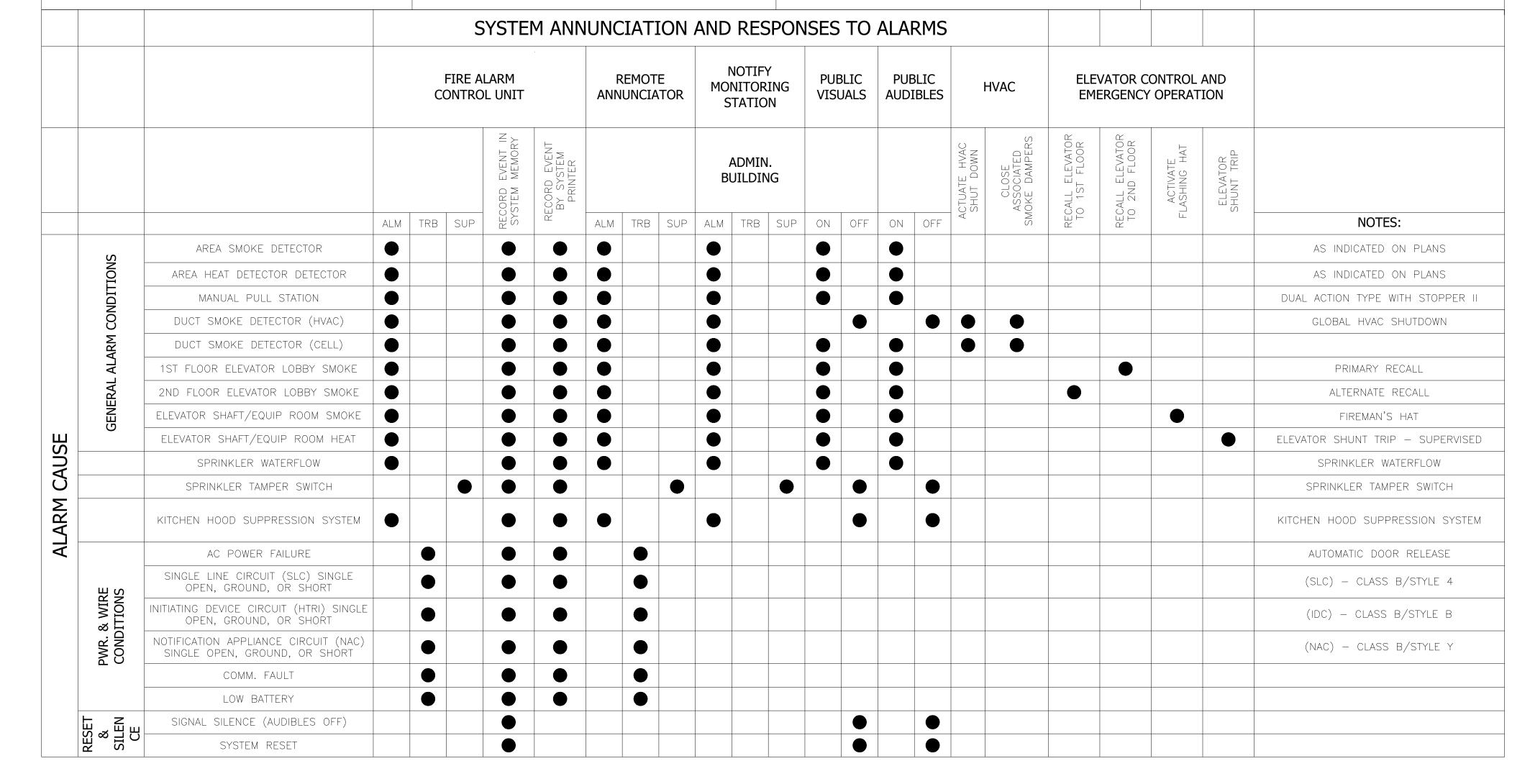
REVISION: DATE: **REVISION:** DATE: **REVISION:** DATE:

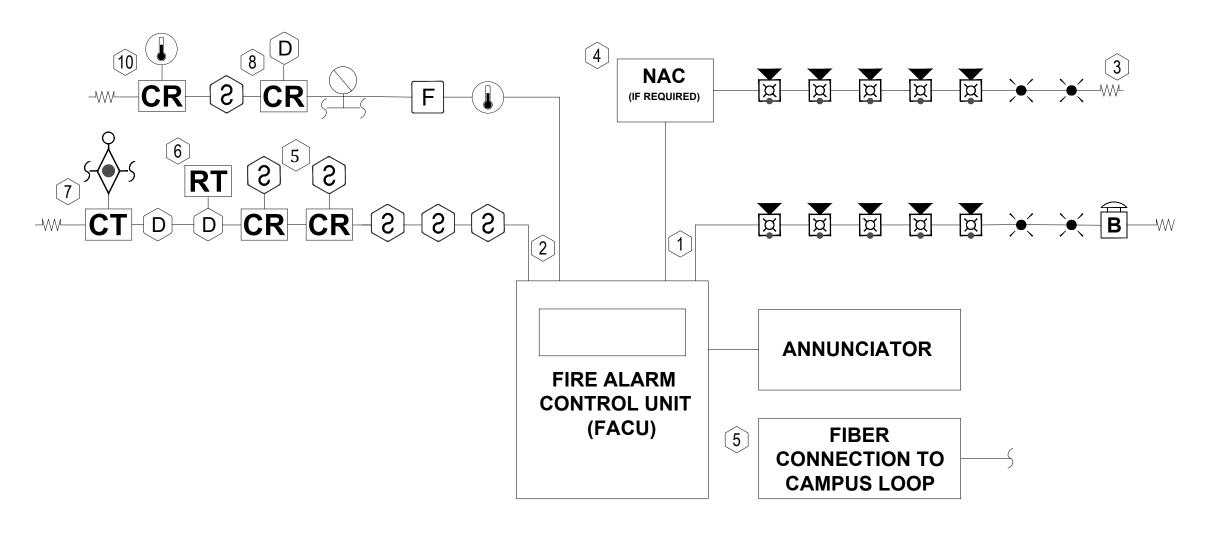
ISSUE DATE: 09/04/2024

CAD DWG FILE:C2404-01-FA-G-03 DRAWN BY: DB CHECKED BY: JMA DESIGNED BY: FSC

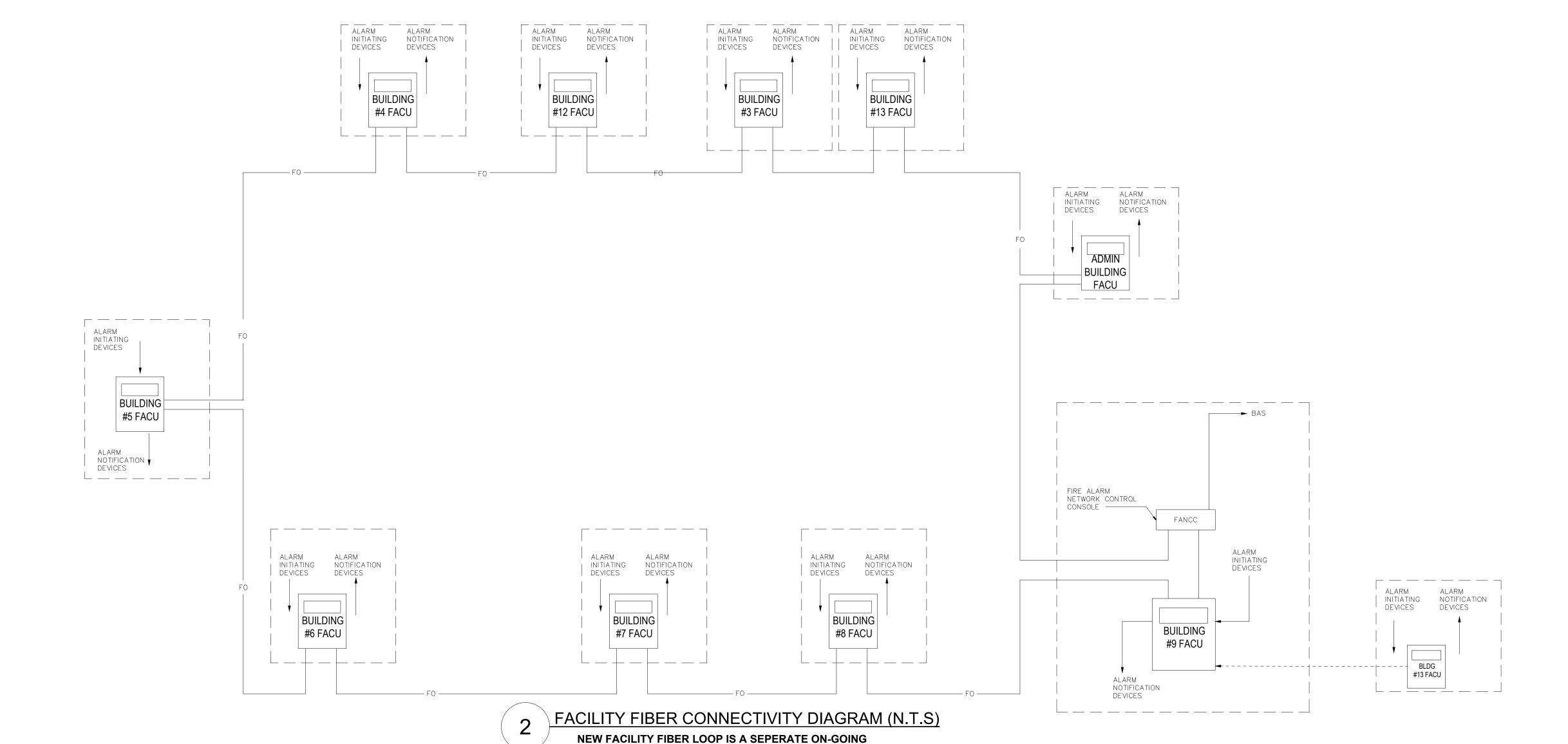
SHEET TITLE: FIRE ALARM **GENERAL NOTES** SYMBOLS, & **ABBREVIATIONS**

SHEET NUMBER: FA-002





1 SCHEMATIC RISER DIAGRAM SCALE: NTS

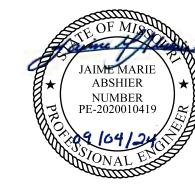


PROJECT. COORDINATE WITH FACILITY STAFF TO VERIFY TIE-IN POINT AT THE TIME OF FIRE ALARM INSTALLATION.

FIRE ALARM RISER KEYED NOTES:

- 1 TYPICAL NAC CIRCUITS.
- **1** 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 ACCESSABLE FROM TEH FINISHED FLOOR IN A SECURE LOCATION. VERIFY FINAL LOCATION WITH OWNER.
- 7 MONITOR MODULES FOR WATER FLOW SWITCH ON FIRE PROTECTION SYSTEM.
- 8 WIRING TO SMOKE DAMPER CONTROL.
- 9 CONNECT FACP TO FIBER BACKBONE OF CAMPUS NETWORK AT LOCATION PROVIDED WITHIN BUILDING.
- 10 WIRING TO ELEVATOR SHUNT TRIP.

STATE OF MISSOURI MICHAEL L. PARSON, GOVERNOR



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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,
Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
DATE:

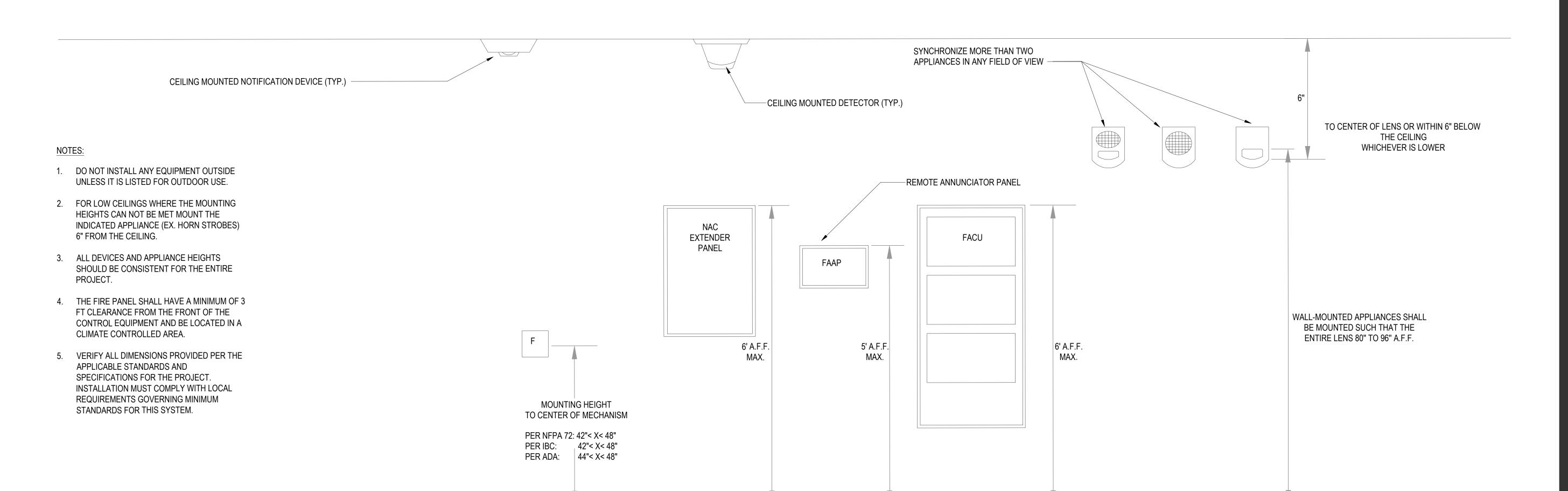
ISSUE DATE: 09/04/2024

CAD DWG FILE:<u>C2404-01-FA-FP</u>-004 DRAWN BY: <u>DB</u> CHECKED BY: <u>JMA</u>

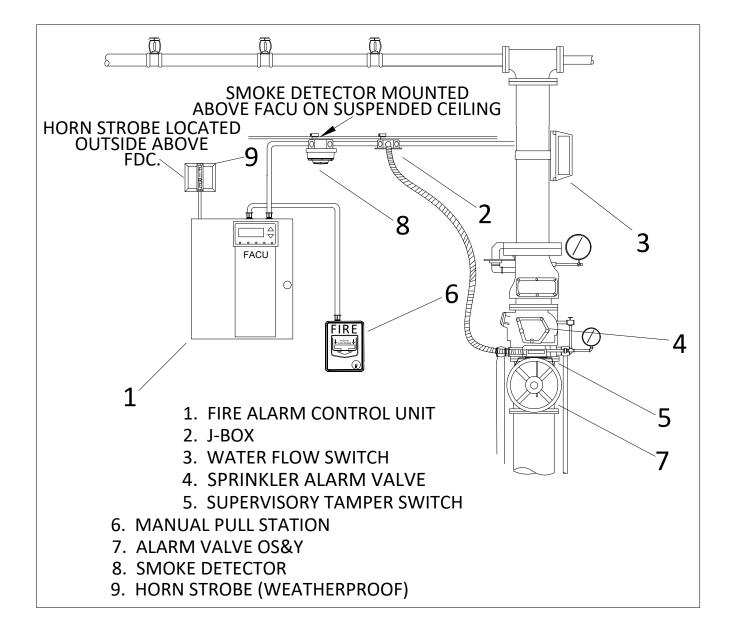
DESIGNED BY: FSC
SHEET TITLE:

FIRE ALARM
SCHEMATIC DETAILS

SHEET NUMBER: FA-003



TYPICAL EQUIPMENT MOUNTING GUIDELINES SCALE: NTS



2 FIRE ALARM DETAIL
SCALE: NTS

STATE OF MISSOURI MICHAEL L. PARSON, GOVERNOR



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

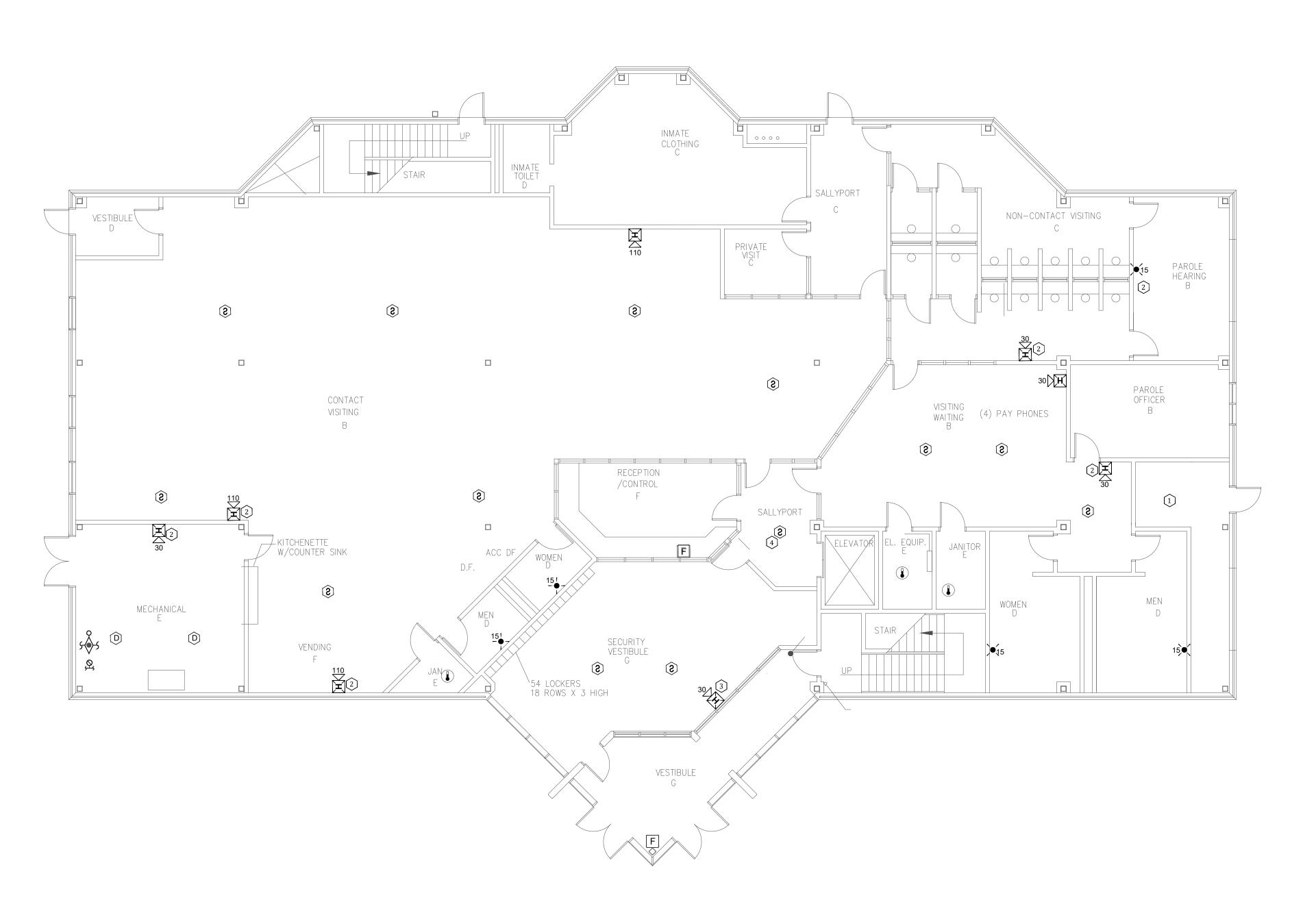
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

CAD DWG FILE: C2404-01-FA-FP-105
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

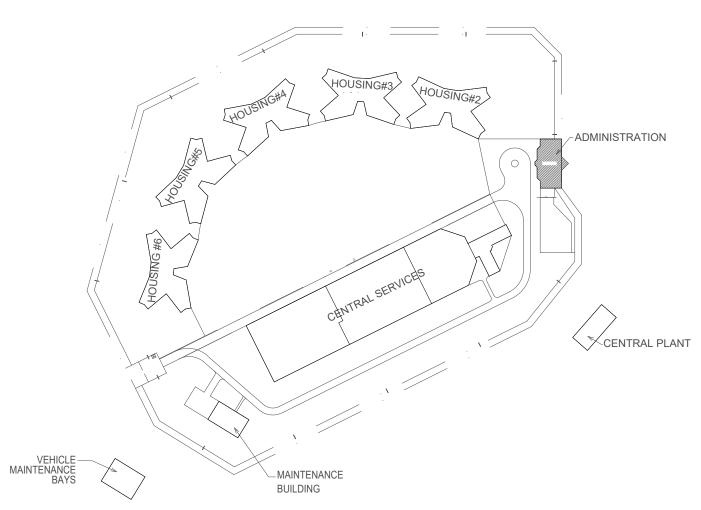
SHEET TITLE:

TYPICAL EQUIPMENT
MOUNTING GUIDELINES

SHEET NUMBER: FA-004



1 ADMINISTRATION BLDG. FIRST FLOOR-FIRE ALARM PLAN SCALE: 1/8" = 1'-0"



KEY PLAN

KEY NOTES FOR ADMINISTRATION BUILDING-1ST FLOOR:

- (1) CONNECTION TO FIBER LOOP.
- ADDED NOTIFICATION APPLIANCE / INITIATING DEVICES TO MEET THE REQUIREMENTS OF NFPA 72.
- RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.
- PROVIDE SMOKE DETECTOR FOR ELEVATOR RECALL.





FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

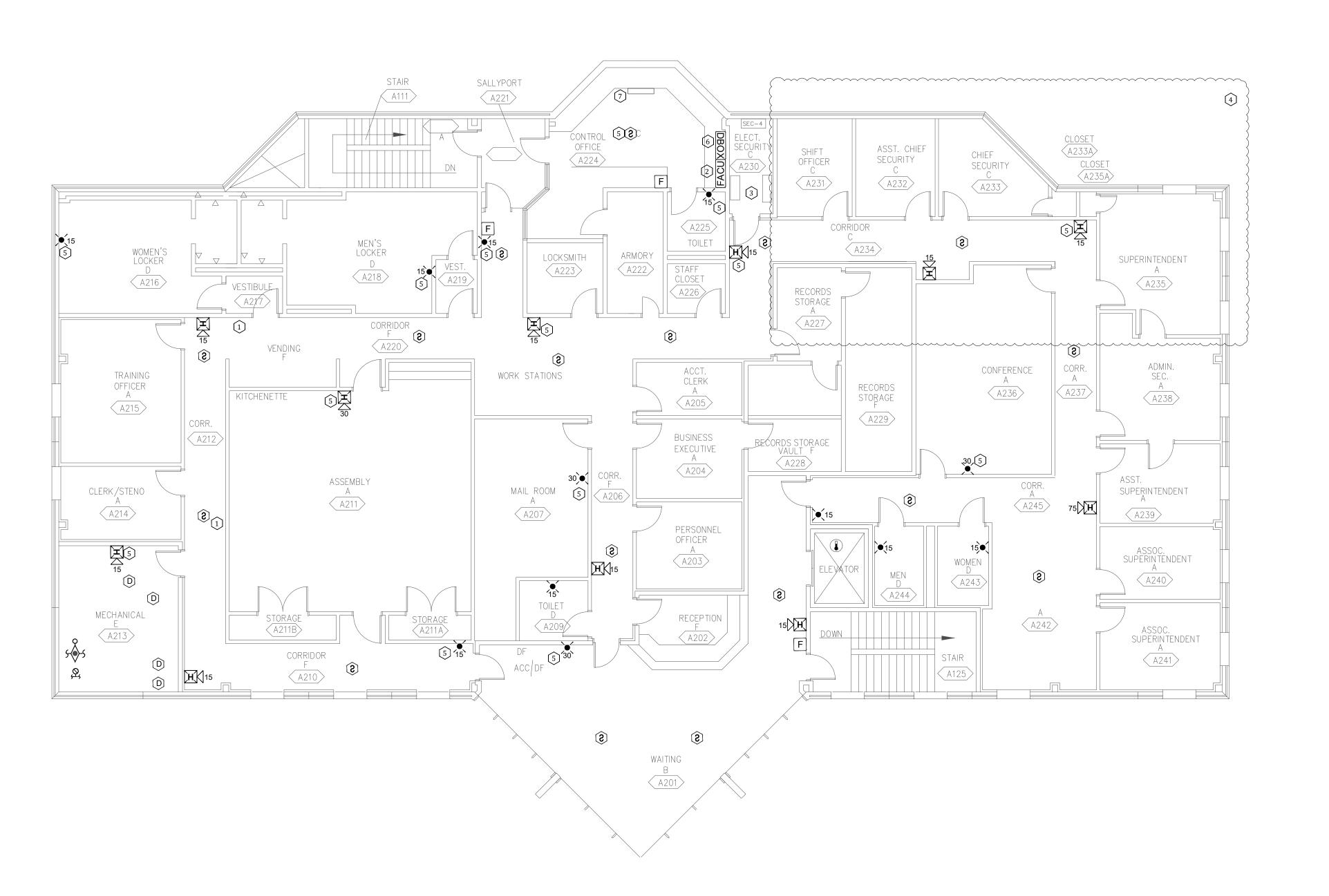
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

CAD DWG FILE: C2404-01-FA-FP-106
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

ADMINISTRATION BLDG.
FIRST FLOOR-FIRE ALARM
PLAN

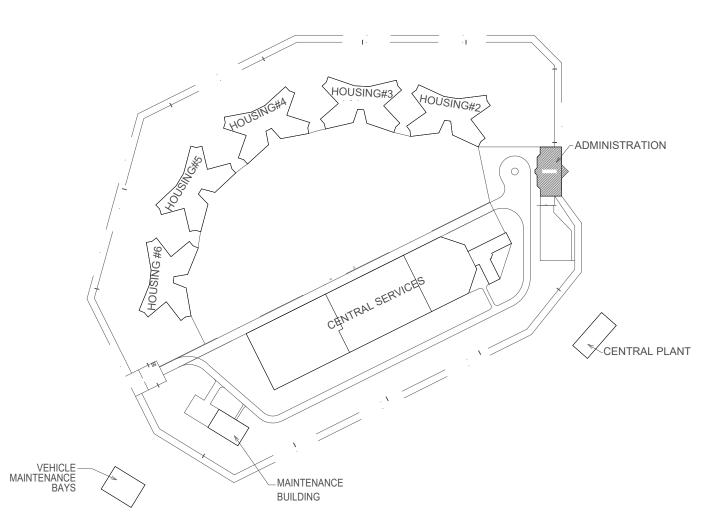
SHEET NUMBER: FA-100



1 ADMINISTRATION BLDG. SECOND FLOOR- FIRE ALARM PLAN

SCALE: 1/8" = 1'-0"

NORTH



KEY PLAN

KEY NOTES ADMINISTRATION BUILDING- 2ND FLOOR:

- RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.
- 2 FACU EXISTING LOCATION AS PER SITE SURVEY.
- NO SMOKE DETECTION COVERAGE AVAILABLE AS PER SITE SURVEY.
- 4 EXISTING CONDITIONS OBSERVED DURING SITE SURVEY WILL BE UTILIZED. SURVEY WAS TAKEN AT GROUND LEVEL WITH NON-DESTRUCTIVE MEANS.
- 5 ADDED NOTIFICATION APPLIANCE / INITIATING DEVICES TO MEET THE REQUIREMENTS OF NFPA 72.
- 6 FINAL DBOX LOCATION TO BE COORDINATED WITH THE OWNER REPRESENTATIVE.
- 7 NEW SCREEN FOR GRAPHICS TO BE PROVIDED.

STATE OF MISSOURI MICHAEL L. PARSON, GOVERNOR



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

CAD DWG FILE: C2404-01-FA-FP-107
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

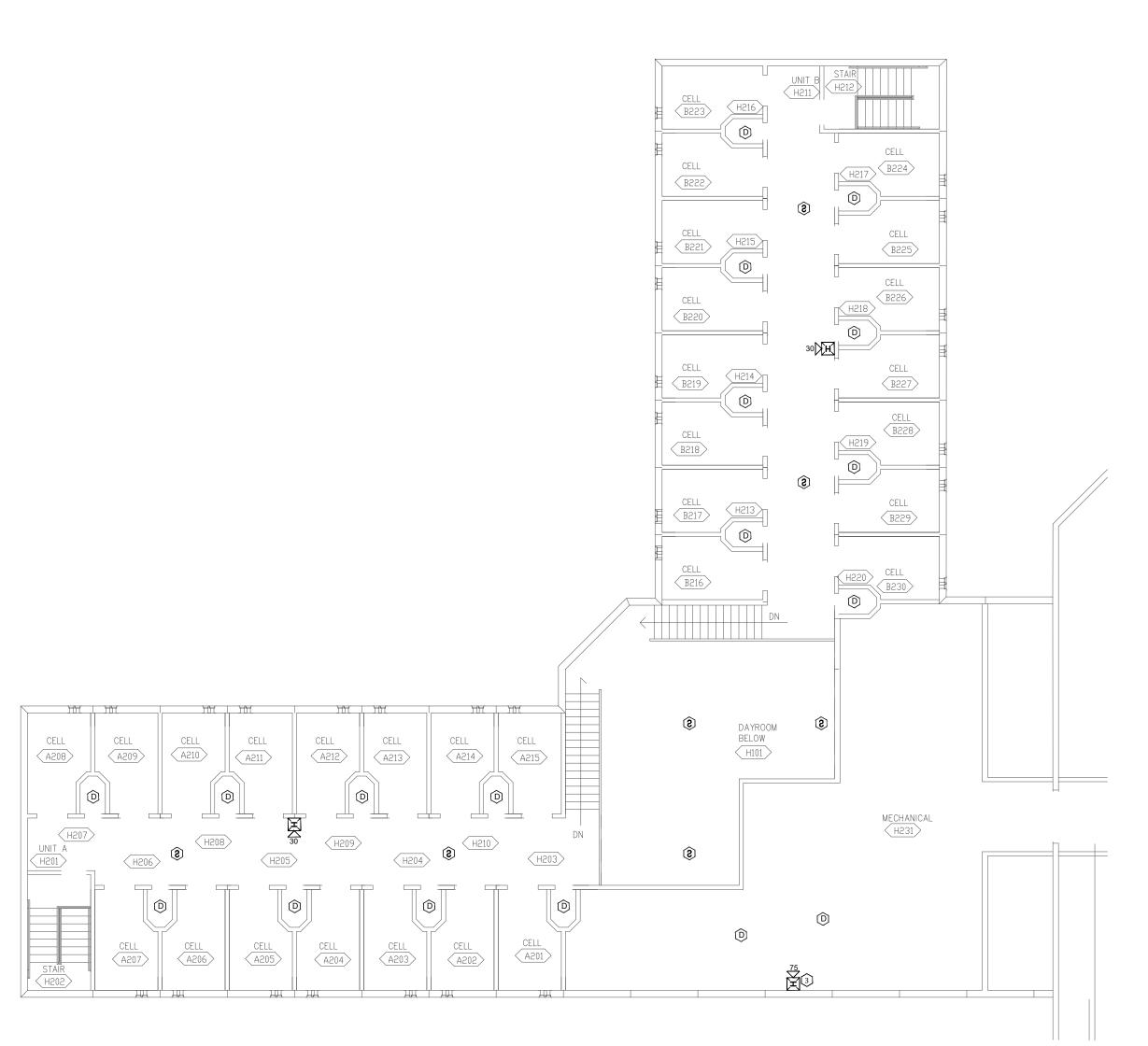
SHEET TITLE:

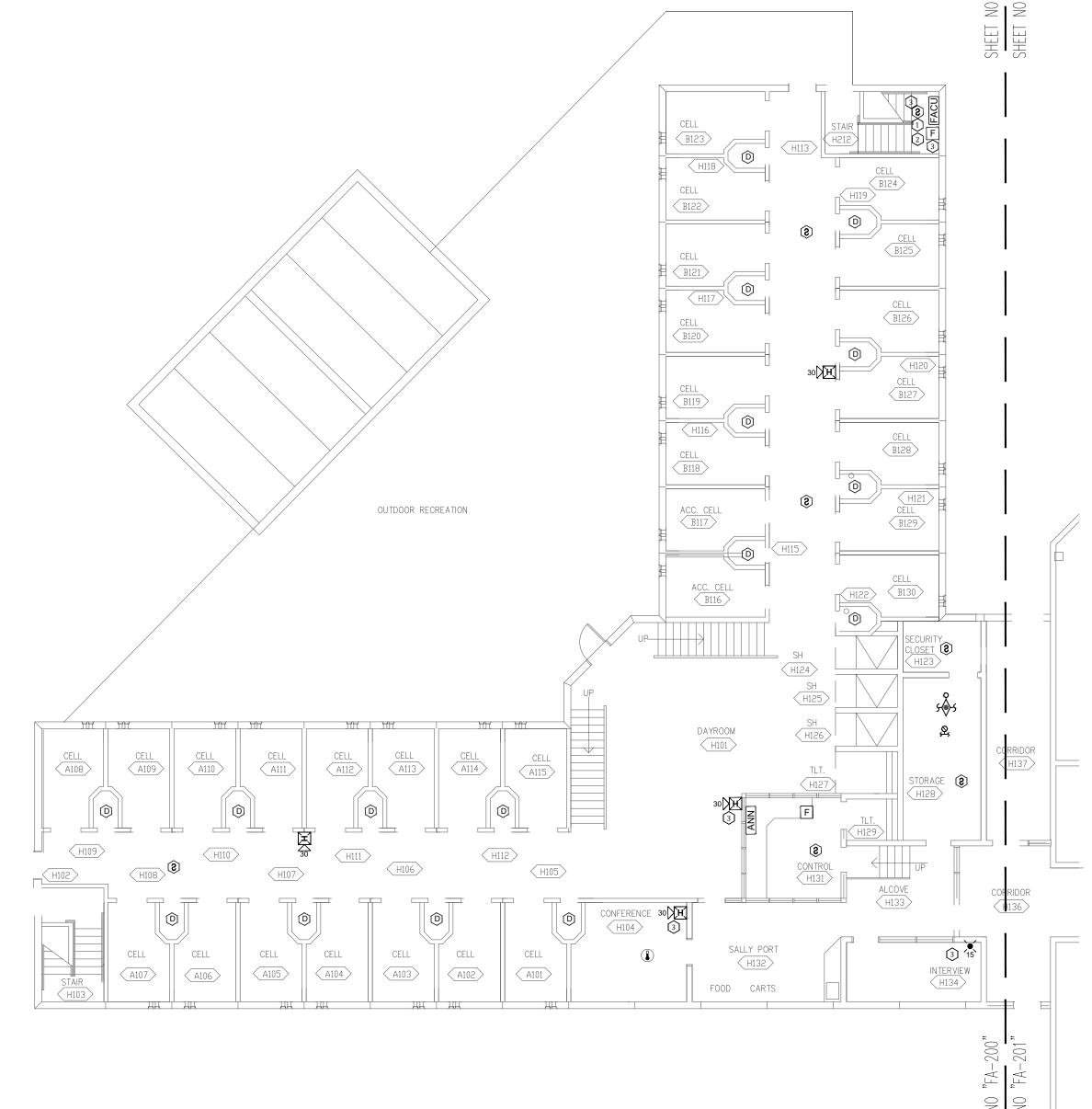
ADMINISTRATION BLDG. SECOND FLOOR- FIRE ALARM PLAN

SHEET NUMBER: FA-101

7 OF 27 SHEETS

LAN 7 OF 27 SHE 09/04/2024

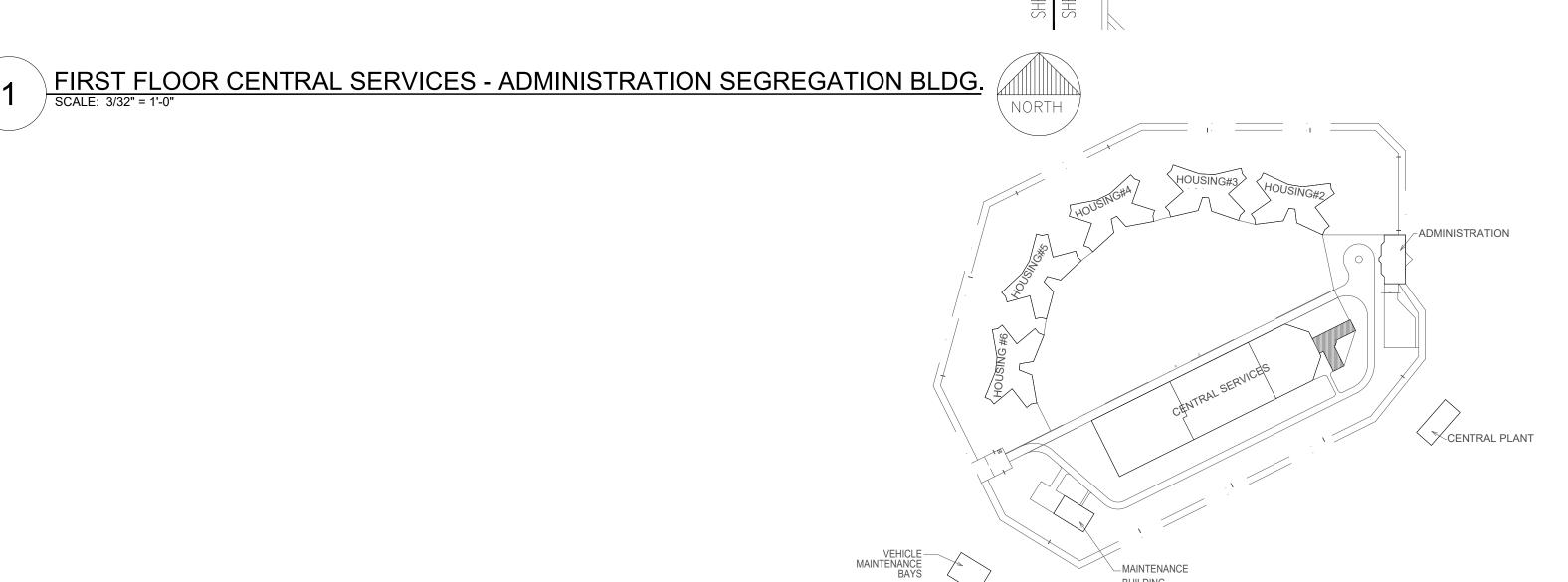




SECOND FLOOR CENTRAL SERVICES - ADMINISTRATION SEGREGATION BLDG.

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





KEY NOTES FOR CENTRAL SERVICES:

- FACU PANEL RELOCATED TO MARKED LOCATION AS PER SITE SURVEY.

- (2) CONNECTION TO FIBER LOOP.
- ADDED NOTIFICATION APPLIANCE / INITIATING DEVICES TO MEET THE REQUIREMENTS OF NFPA 72.

FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.

STATE OF MISSOURI MICHAEL L. PARSON, **GOVERNOR**

NUMBER



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 7015 ASSET# 9327015027

REVISION: DATE: **REVISION:** DATE: **REVISION:** DATE: ISSUE DATE: 09/04/2024

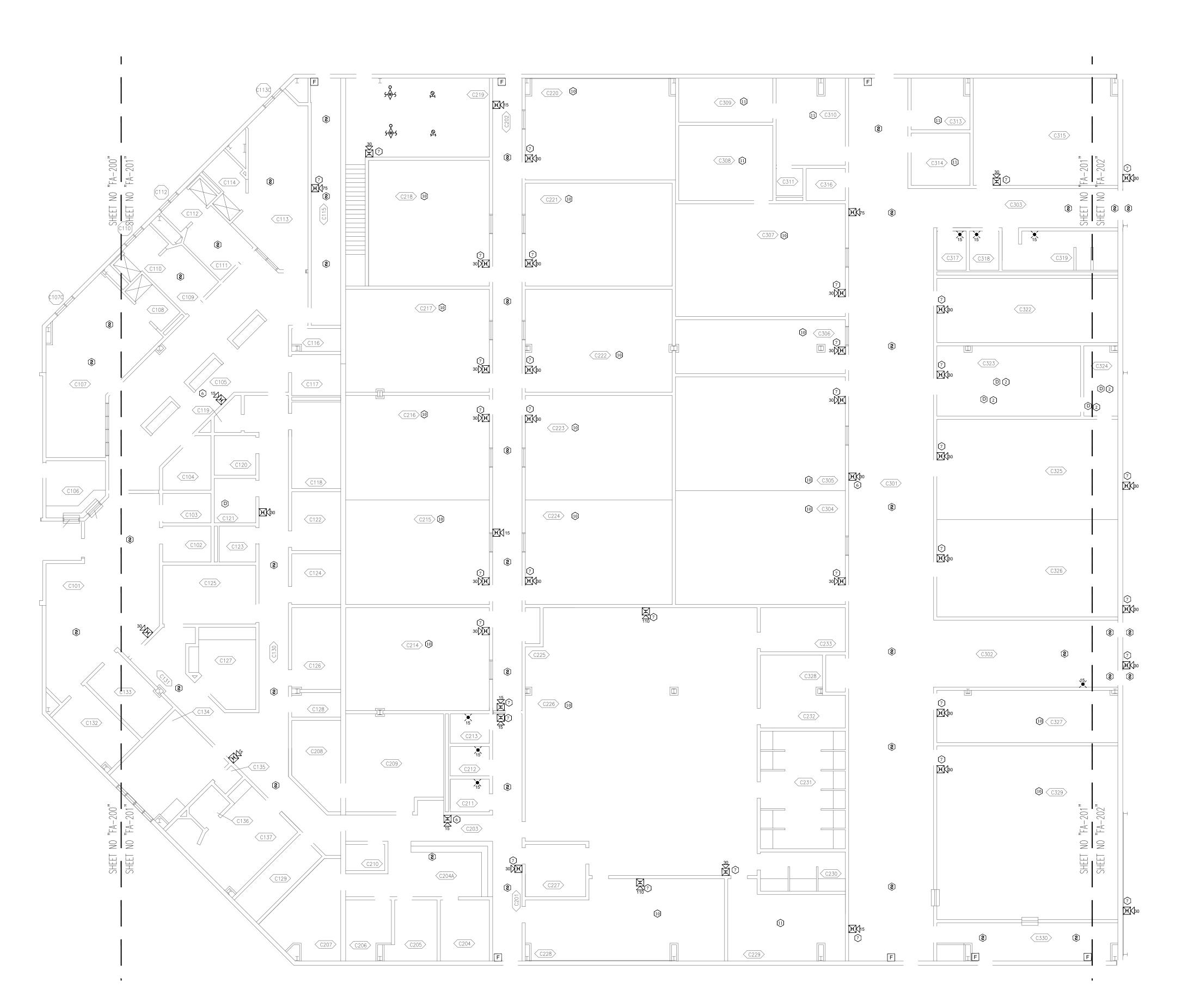
CAD DWG FILE: C2404-01-FA-FP-108
DRAWN BY: DB
CHECKED BY: JMA DESIGNED BY: FSC

SHEET TITLE:

FIRST & SECOND FLOORS **CENTRAL SERVICES-**ADMINISTRATION SEGREGATION BLDG. FIRE ALARM PLAN

SHEET NUMBER: FA-200

8 OF 27 SHEETS 09/04/2024

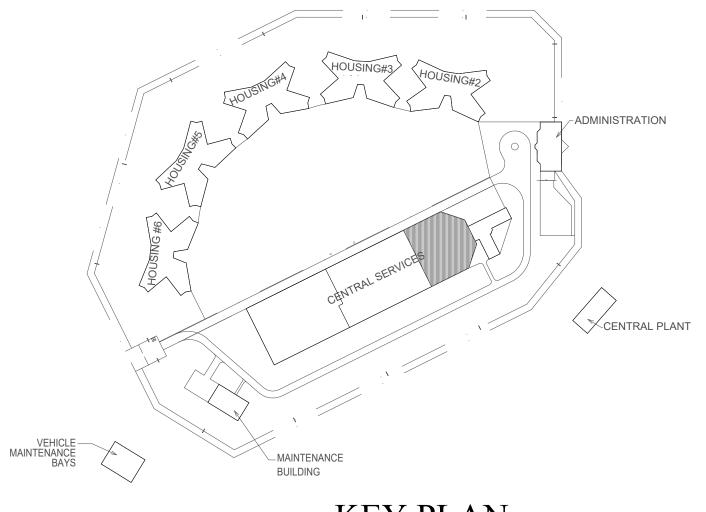


AREA 3 - FLOOR PLAN / MEDICAL/EDUCATIONAL/SERVICES FIRE ALARM PLAN
SCALE: 3/32" = 1'-0"



KEY NOTES FOR AREA 1,2 & 3:

- 1 GENERAL NOTE FOR AREA 3:
 - DISCREPANCY BETWEEN ARCHITECTURAL ROOM NUMBERS AND ON-SITE ROOM NUMBERS.
- DUCT DETECTORS ARE INSTALLED ON SECOND FLOOR, NO LAYOUTS RECEIVED FOR SECOND FLOOR FOR SERVICE / MEDICAL AREA, PLEASE PROVIDE SECOND FLOOR PLAN LAYOUT.
- (3) NO SMOKE DETECTORS EXISTS ON THIS AREA AS PER SITE SURVEY, THERE IS DISCREPANCY BETWEEN RECEIVED DRAWINGS AND EXISTING CONDITIONS.
- 4 EXISTING CONDITIONS OBSERVED DURING SITE SURVEY WILL BE UTILIZED. SURVEY WAS TAKEN AT GROUND LEVEL WITH NON-DESTRUCTIVE MEANS.
- 5 CONNECTION TO FIBER LOOP.
- 6 RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.
- REQUIREMENTS OF NFPA 72.
- THE NOTIFICATION DEVICES IN SPORTS / GYM AREA.
- WOOD WORKING SHOP?
- PER NFPA 72.
- OFFICE OR STORAGE SPACE. A/V NOTIFICATION NOT REQUIRED PER NFPA 72.



KEY PLAN

- - LAYOUT RECEIVED LACKS INFORMATION ON BOTH ROOM NAMES AND BUILDING'S DOORS, IF FLOOR PLAN IS AVAILABLE WITH DOOR LOCATIONS AND ROOM NAMES,
 - PLEASE PROVIDE.

- 7 ADDED NOTIFICATION APPLIANCE / INITIATING DEVICES TO MEET THE
- 8 U.L LISTED GUARDS TO BE PROVIDED FOR
- (9) IS THIS A SEPARATE SMOKE DETECTION SYSTEM OUTSIDE OF THE SCOPE OF WORK SIMILAR TO THE SOUTH EAST PROJECT
- (10) AREA ASSUMED TO BE CLASSROOM OR OPEN OFFICE AND REQUIRES NOTIFICATION
- (11) AREA ASSUMED TO BE SINGLE PERSON

STATE OF MISSOURI MICHAEL L. PARSON, **GOVERNOR**



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

9327015027

PROJECT # C2404-01 7015

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

ISSUE DATE: 09/04/2024

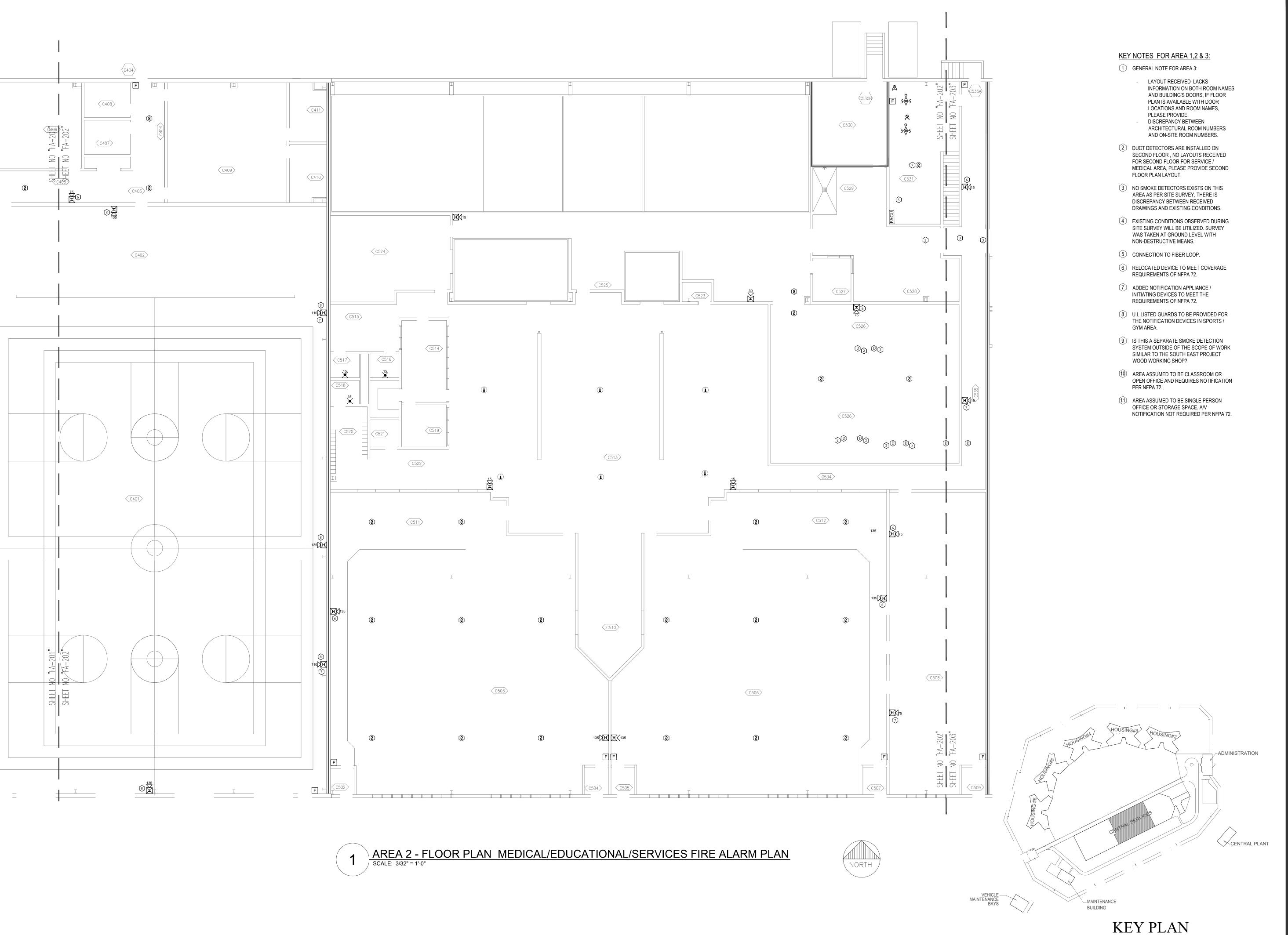
ASSET#

CAD DWG FILE: C2404-01-FA-FP-109
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

AREA 3-FLOOR PLAN MEDICAL/EDUCATIONAL /SERVICES FIRE ALARM PLAN

SHEET NUMBER: FA-201



STATE OF MISSOURI MICHAEL L. PARSON, GOVERNOR



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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,
Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

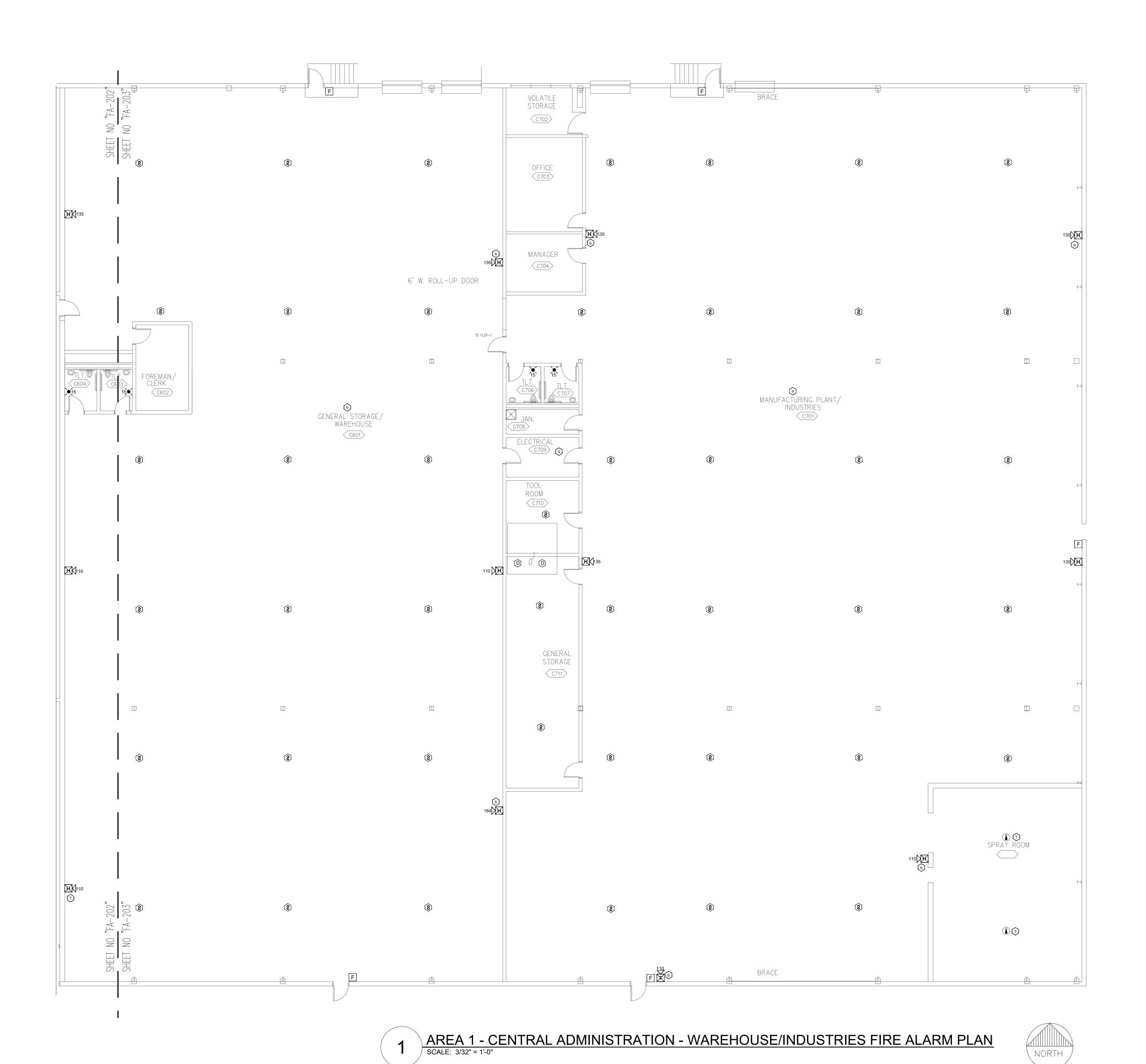
ISSUE DATE: 09/04/2024

CAD DWG FILE: C2404-01-FA-FP-110
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

AREA 2-FLOOR PLAN
MEDICAL/EDUCATIONAL
/SERVICES
FIRE ALARM PLAN

SHEET NUMBER: FA-202



KEY NOTES FOR AREA 1,2 & 3:

- 1 GENERAL NOTE FOR AREA 3:
 - LAYOUT RECEIVED LACKS
 INFORMATION ON BOTH ROOM NAMES
 AND BUILDING'S DOORS, IF FLOOR
 PLAN IS AVAILABLE WITH DOOR
 LOCATIONS AND ROOM NAMES,
 - PLEASE PROVIDE.

 DISCREPANCY BETWEEN
 ARCHITECTURAL ROOM NUMBERS
 AND ON-SITE ROOM NUMBERS.
- DUCT DETECTORS ARE INSTALLED ON SECOND FLOOR, NO LAYOUTS RECEIVED FOR SECOND FLOOR FOR SERVICE / MEDICAL AREA, PLEASE PROVIDE SECOND FLOOR PLAN LAYOUT.
- NO SMOKE DETECTORS EXISTS ON THIS AREA AS PER SITE SURVEY, THERE IS DISCREPANCY BETWEEN RECEIVED DRAWINGS AND EXISTING CONDITIONS.
- 4 EXISTING CONDITIONS OBSERVED DURING SITE SURVEY WILL BE UTILIZED. SURVEY WAS TAKEN AT GROUND LEVEL WITH NON-DESTRUCTIVE MEANS.
- 5 CONNECTION TO FIBER LOOP.
- 6 RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.
- 7 ADDED NOTIFICATION APPLIANCE / INITIATING DEVICES TO MEET THE REQUIREMENTS OF NFPA 72.
- 8 U.L LISTED GUARDS TO BE PROVIDED FOR THE NOTIFICATION DEVICES IN SPORTS / GYM AREA.
- 9 IS THIS A SEPARATE SMOKE DETECTION SYSTEM OUTSIDE OF THE SCOPE OF WORK SIMILAR TO THE SOUTH EAST PROJECT WOOD WORKING SHOP?
- (10) AREA ASSUMED TO BE CLASSROOM OR OPEN OFFICE AND REQUIRES NOTIFICATION PER NFPA 72.
- AREA ASSUMED TO BE SINGLE PERSON OFFICE OR STORAGE SPACE. A/V NOTIFICATION NOT REQUIRED PER NFPA 72.

HOUSING#3 HOUSING#3 HOUSING#3 ADMINISTRATION CENTRAL PLANT MAINTENANCE BUILDING

KEY PLAN

GOVERNOR



STATE OF MISSOURI MICHAEL L. PARSON,

FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
DATE:

ISSUE DATE: 09/04/2024

CAD DWG FILE: C2404-01-FA-FP-111
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

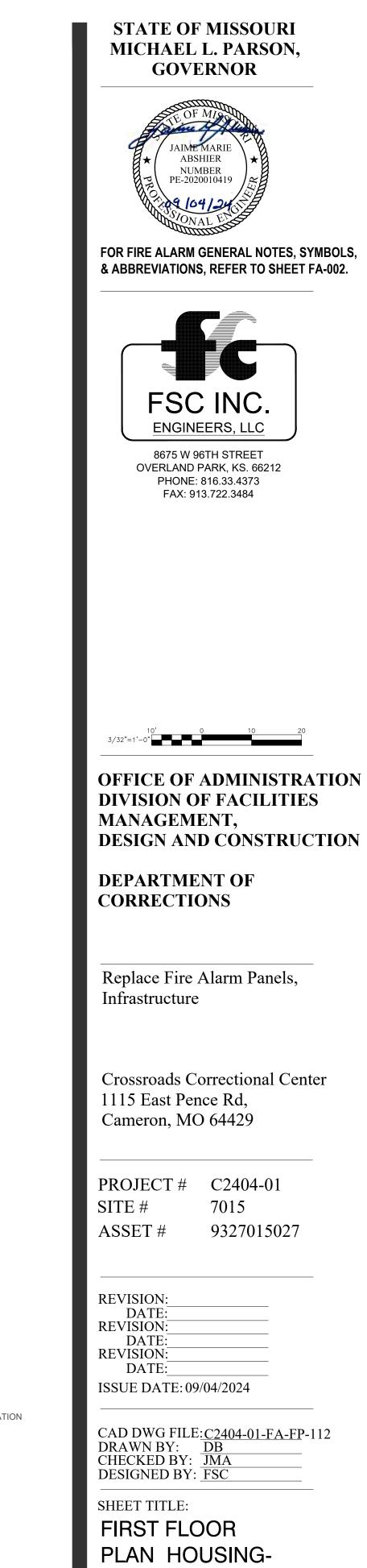
SHEET TITLE:

AREA 1 - CENTRAL
ADMINISTRATION WAREHOUSE/INDUSTRIES
FIRE ALARM PLAN

SHEET NUMBER: FA-203

KEY NOTES FOR HOUSING 2-6:

1 CONNECTION TO FIBER LOOP.



FIRE ALARM PLAN

SHEET NUMBER:

12 OF 27 SHEETS 09/04/2024

FA-300

KEY PLAN

RECORDS STORAGE UNIT MANAGER
H111 DAYROOM C DAYROOM B (B137) DAYROOM D DAYROOM A _ADMINISTRATION FIRST FLOOR PLAN HOUSING FIRE ALARM PLAN
SCALE: 3/32" = 1'-0" CENTRAL PLANT VEHICLE — MAINTENANCE BAYS

KEY NOTES FOR HOUSING 2-6: ① CONNECTION TO FIBER LOOP.

ASSET # ISSUE DATE: 09/04/2024 _ADMINISTRATION SHEET TITLE: CENTRAL PLANT FA-301 VEHICLE — MAINTENANCE BAYS KEY PLAN

MEZZANINE WALKWAY

OPEN TO DAYROOM C

OPEN TO DAYROOM D D173

MEZZANINE WALKWAY

MEZZANINE WALKWAY

MEZZANINE WALKWAY

OPEN TO DAYROOM B

(B137)

OPEN TO DAYROOM A
A119

MECHANICAL/ELECTRICAL

SECOND FLOOR PLAN HOUSING FIRE ALARM PLAN (2) SCALE: 3/32" = 1'-0"

STATE OF MISSOURI MICHAEL L. PARSON, **GOVERNOR**



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

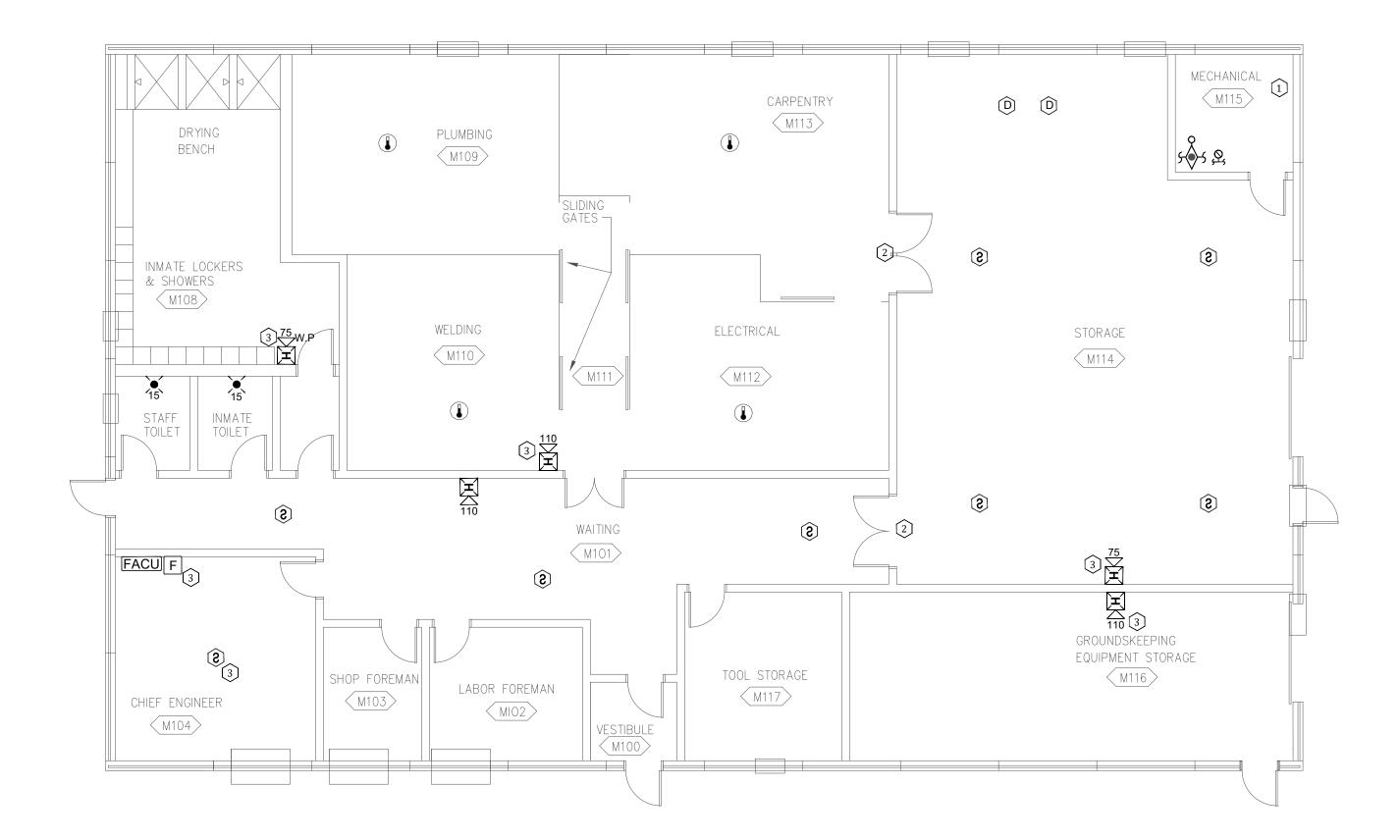
PROJECT # C2404-01 7015 9327015027

REVISION: DATE:_ REVISION:_ DATE: REVISION: DATE:

CAD DWG FILE: C2404-01-FA-FP-113
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SECOND FLOOR PLAN HOUSING-FIRE ALARM PLAN

SHEET NUMBER:



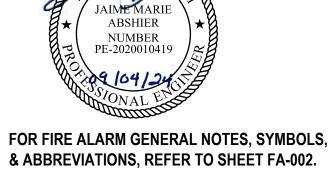
MAINTENANCE/SERVICE BUILDING FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"



KEY NOTES FOR MAINTENANCE / SERVICE BUILDING:

- (1) CONNECTION TO FIBER LOOP.
- ADDED NOTIFICATION APPLIANCE / INITIATING DEVICES TO MEET THE REQUIREMENTS OF NFPA 72.

- 2 EXISTING CONDITIONS OBSERVED DURING SITE SURVEY WILL BE UTILIZED. SURVEY WAS TAKEN AT GROUND LEVEL WITH NON-DESTRUCTIVE MEANS.



STATE OF MISSOURI MICHAEL L. PARSON, **GOVERNOR**

& ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 7015 ASSET # 9327015027

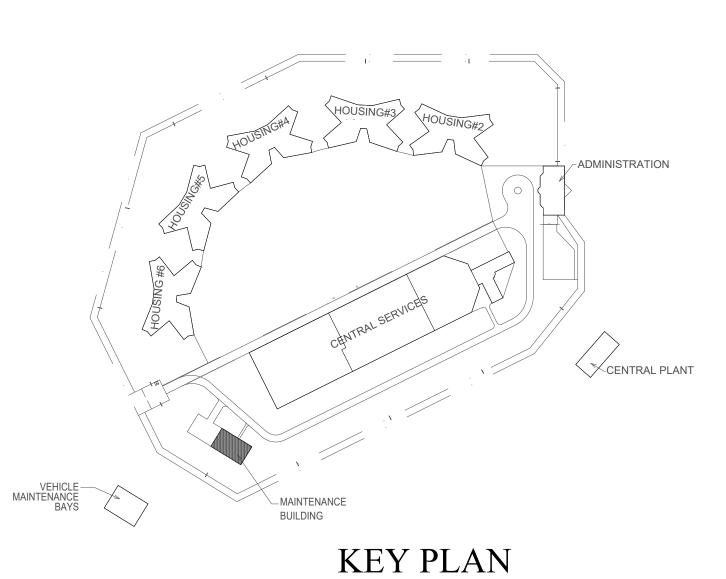
REVISION: DATE: REVISION: DATE: **REVISION:** DATE: ISSUE DATE: 09/04/2024

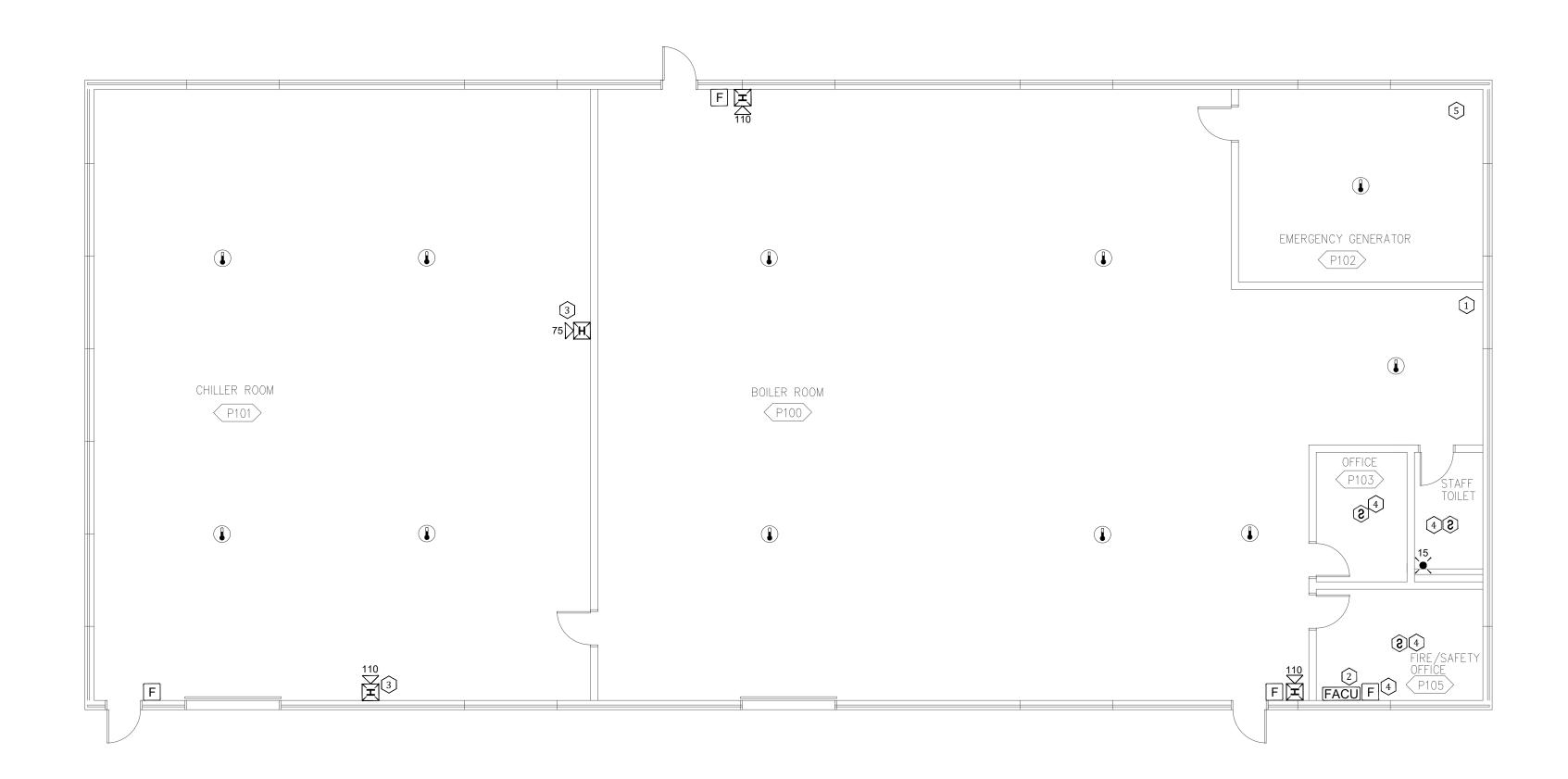
CAD DWG FILE: C2404-01-FA-FP-114
DRAWN BY: DB
CHECKED BY: JMA DESIGNED BY: FSC

SHEET TITLE:

MAINTENANCE/SERVICE **BUILDING FIRE ALARM PLAN**

SHEET NUMBER: FA-400





CENTRAL PLANT BUILDING FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"



KEY NOTES FOR CENTRAL PLANT BUILDING:

- (1) CONNECTION TO FIBER LOOP.
- 2 EXISTING FACU LOCATION.
- RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.
- ADDED NOTIFICATION APPLIANCE / INITIATING DEVICES TO MEET THE REQUIREMENTS OF NFPA 72.
- PROVIDE MONITOR MODULE FOR GENERATOR OUTPUT IF UTILIZED FOR SECONDARY POWER OF LIFE SAFETY SYSTEMS AND IF FACILITIES DOES NOT TEST WEEKLY.

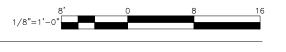
NUMBER

STATE OF MISSOURI MICHAEL L. PARSON, **GOVERNOR**

FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 7015 9327015027 ASSET#

REVISION: DATE: REVISION: DATE: REVISION: DATE: ISSUE DATE: 09/04/2024

CAD DWG FILE: C2404-01-FA-FP-115
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

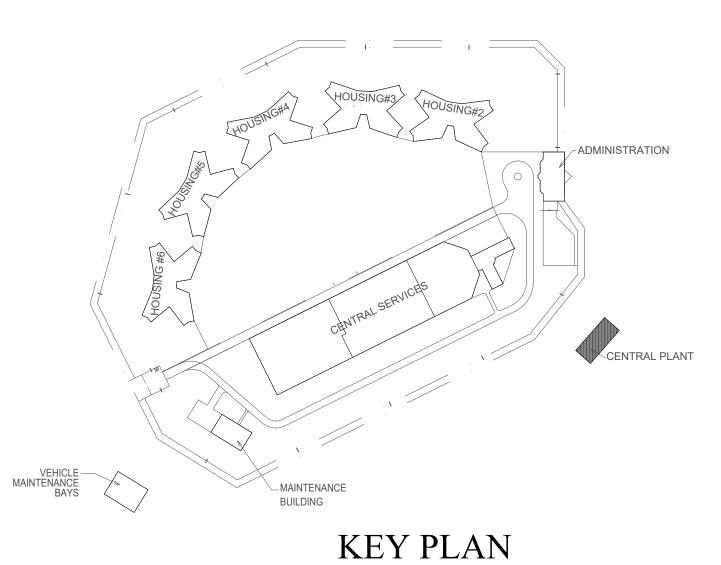
SHEET TITLE: **CENTRAL PLANT BUILDING-FIRE**

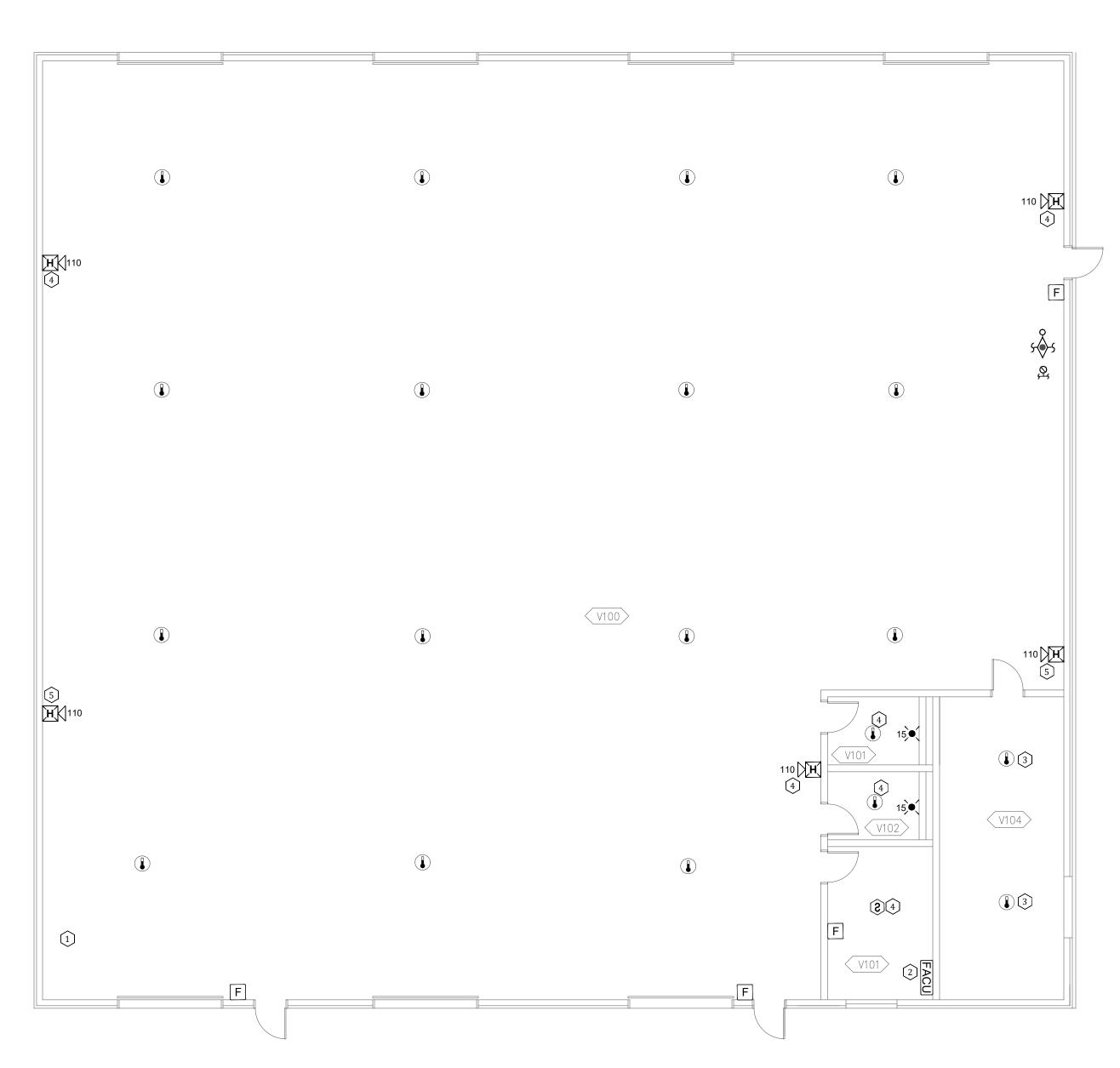
SHEET NUMBER:

ALARM PLAN

15 OF 27 SHEETS 09/04/2024

FA-500





VEHICLE MAINTENANCE BUILDING FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"



KEY NOTES FOR VEHICLE

- ① CONNECTION TO FIBER LOOP.
- (2) EXISTING FACU LOCATION.
- 3 EXISTING HEAT DETECTORS AS PER SITE SURVEY.
- ADDED NOTIFICATION APPLIANCE / INITIATING DEVICES TO MEET THE REQUIREMENTS OF NFPA 7:
- FELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.

MAINTENANCE BUILDING:



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.

STATE OF MISSOURI MICHAEL L. PARSON, **GOVERNOR**



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 7015 ASSET # 9327015027

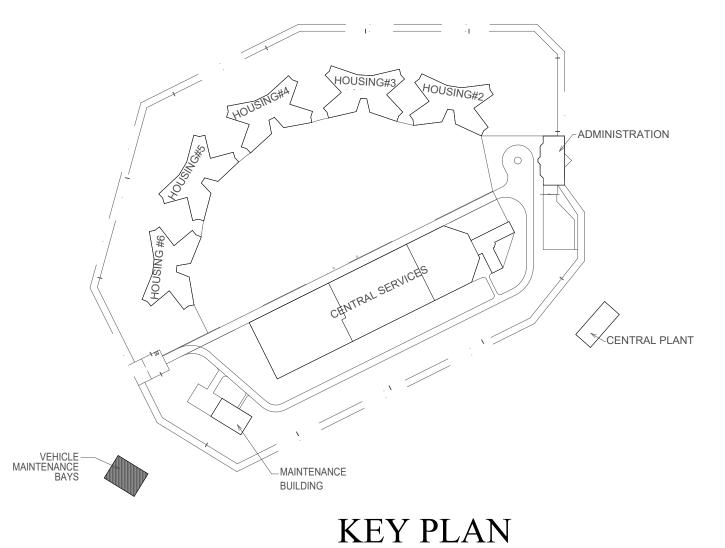
REVISION:	
DATE:	
REVISION:	
DATE:	
REVISION:	
DATE:	

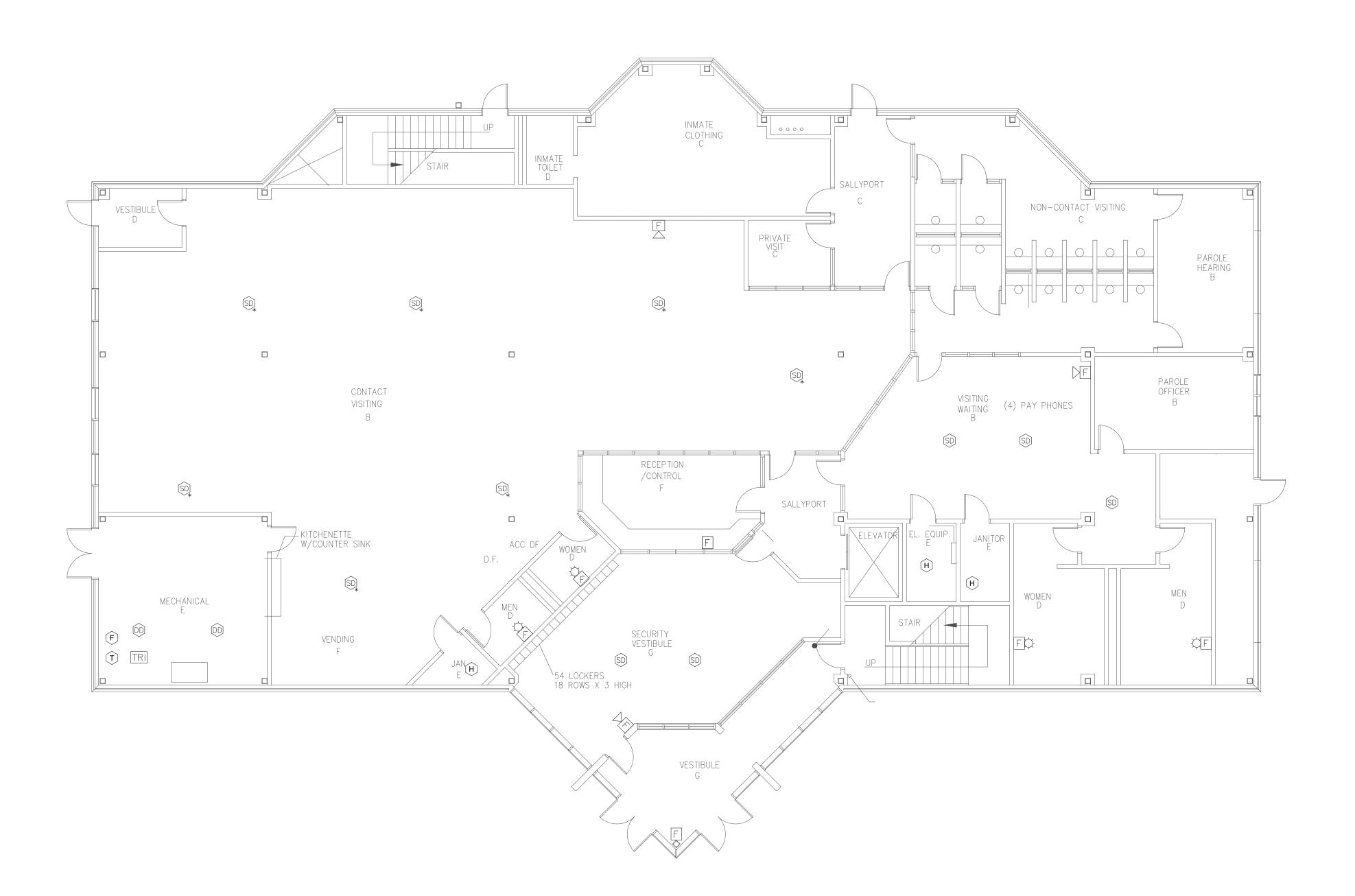
ISSUE DATE: 09/04/2024

CAD DWG FILE: C2404-01-FA-FP-116
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

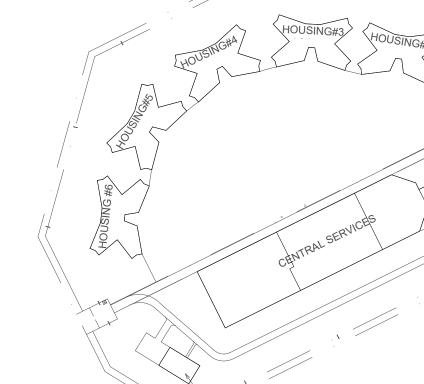
SHEET TITLE: VEHICLE MAINTENANCE **BUILDING- FIRE ALARM** PLAN

SHEET NUMBER: FA-600





1 ADMINISTRATION BUILDING, FIRST FLOOR -FIRE ALARM DEMO PLAN
SCALE: 1/8" = 1'-0"



VEHICLE — MAINTENANCE BAYS

KEY PLAN

PLAN NOTES

1. DEMO ALL EXISTING FIRE ALARM DEVICES

 EXISTING FIRE ALARM WIRING AND CONDUIT MAY BE RE-UTILIZED. FIRE ALARM CONTRACTOR TO VERIFY INTEGRITY OF WIRE AND CONDUIT.

MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

CAD DWG FILE: C2404-01-FA-FP-117
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

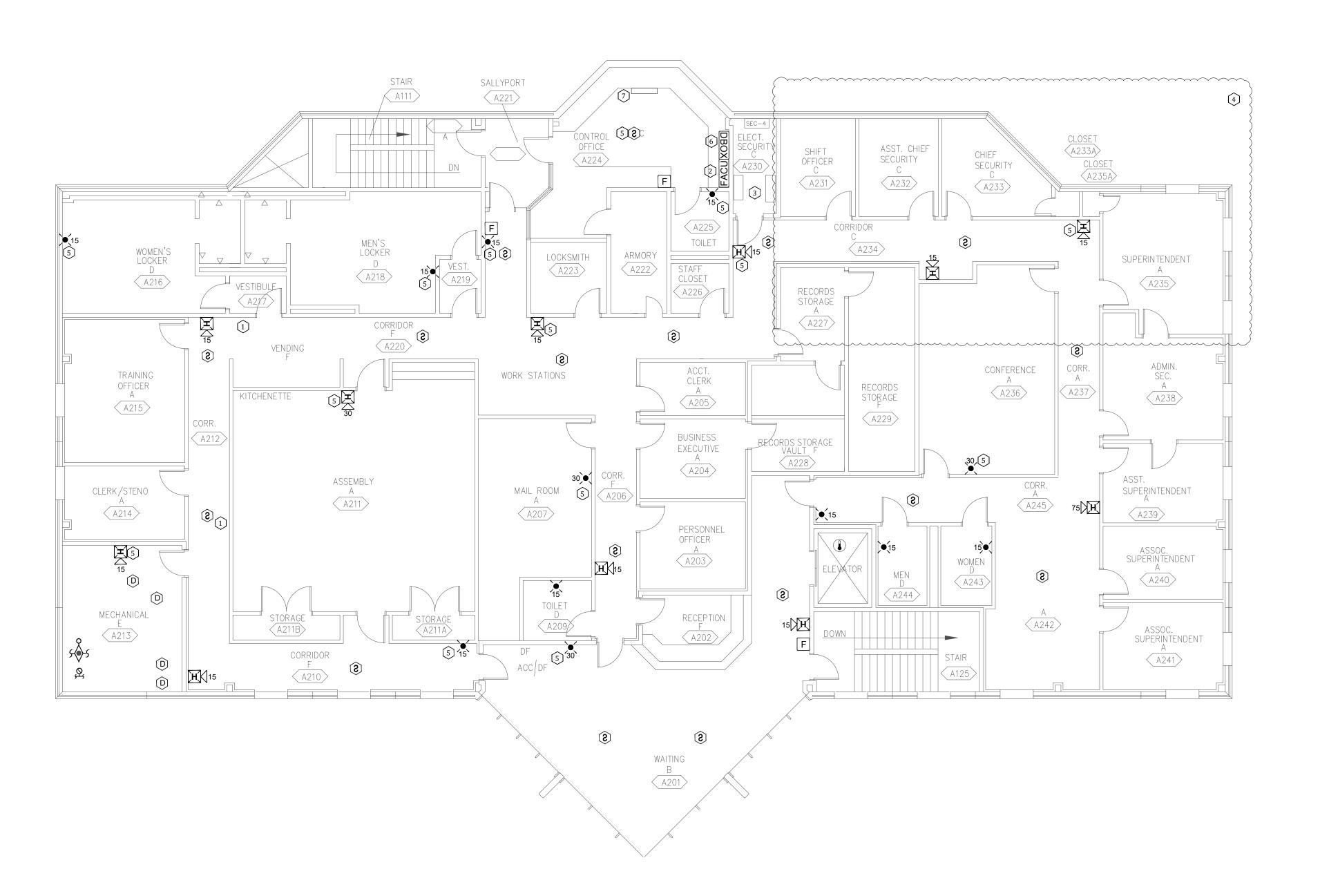
SHEET TITLE:

ADMINISTRATION

CENTRAL PLANT

ADMINISTRATION
BUILDING, FIRST FLOOR FIRE ALARM DEMO
PLAN

SHEET NUMBER: FAD-100



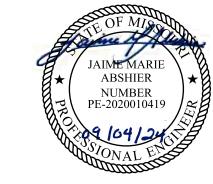
1 ADMINISTRATION BUILDING, SECOND FLOOR -FIRE ALARM DEMO PLAN SCALE: 1/8" = 1'-0"



PLAN NOTES

- 1. DEMO ALL EXISTING FIRE ALARM DEVICES
- 2. EXISTING FIRE ALARM WIRING AND CONDUIT MAY BE RE-UTILIZED. FIRE ALARM CONTRACTOR TO VERIFY INTEGRITY OF WIRE AND CONDUIT.





FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

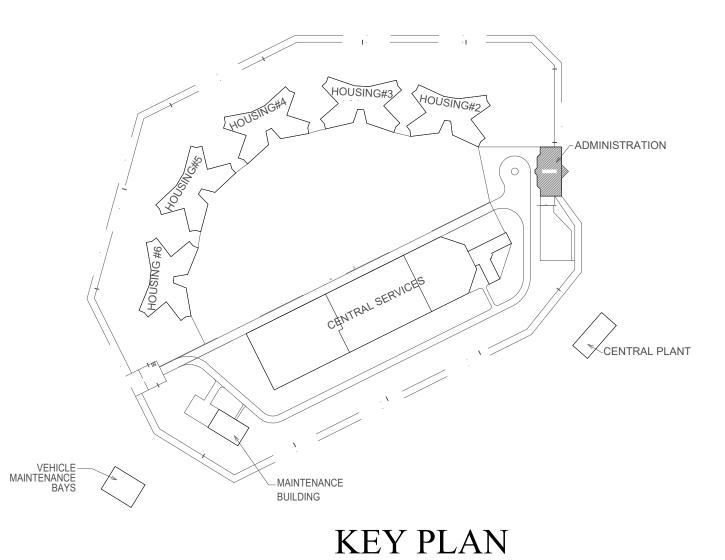
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

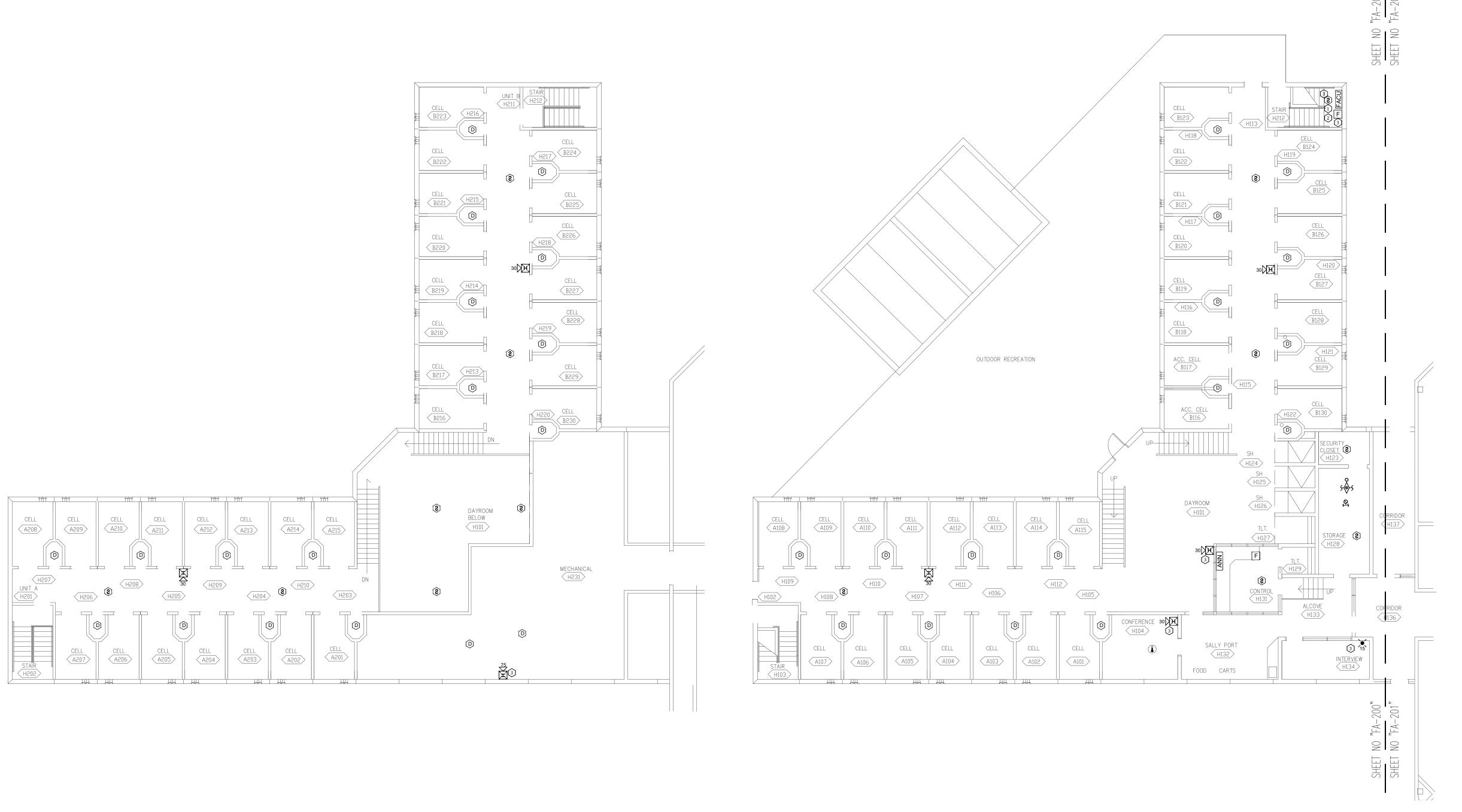
CAD DWG FILE:C2404-01-FA-FP-118
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

ADMINISTRATION
BUILDING, SECOND
FLOOR -FIRE ALARM
DEMO PLAN

SHEET NUMBER: FAD-101





SECOND FLOOR CENTRAL SERVICES - ADMINISTRATION SEGREGATION BLDG DEMO PLAN.

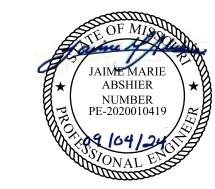
SCALE: 3/32" = 1'-0"

PLAN NOTES

- 1. DEMO ALL EXISTING FIRE ALARM DEVICES
- EXISTING FIRE ALARM WIRING AND CONDUIT MAY BE RE-UTILIZED. FIRE ALARM CONTRACTOR TO VERIFY INTEGRITY OF WIRE AND CONDUIT.

MICHAEL L. PARSON, **GOVERNOR**

STATE OF MISSOURI



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 7015 SITE# 9327015027

REVISION: DATE: **REVISION:** DATE: **REVISION:** DATE:

ISSUE DATE: 09/04/2024

ASSET#

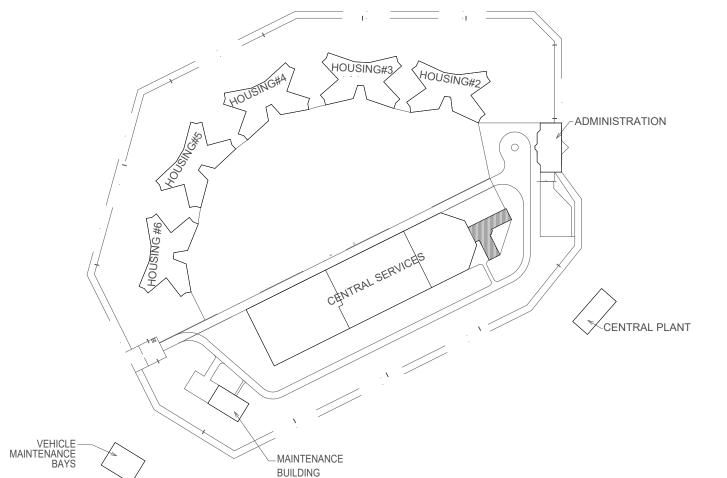
CAD DWG FILE: C2404-01-FA-FP-119
DRAWN BY: DB
CHECKED BY: JMA DESIGNED BY: FSC

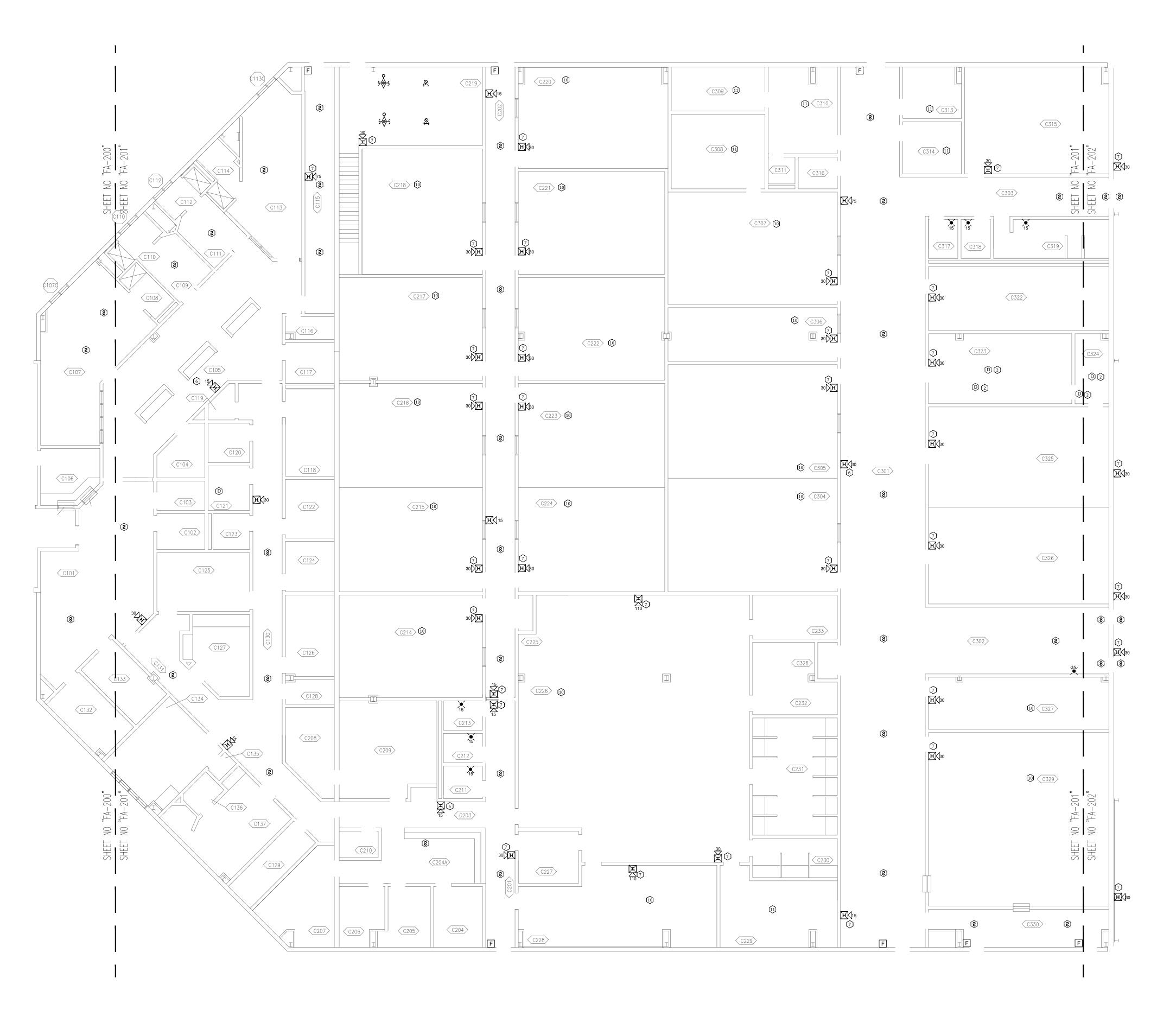
SHEET TITLE: FIRST & SECOND FLOORS CENTRAL SERVICES -**ADMINISTRATION** SEGREGATION BLDG.

FIRE ALARM DEMO PLAN SHEET NUMBER: FAD-200

19 OF 27 SHEETS 09/04/2024

FIRST FLOOR CENTRAL SERVICES - ADMINISTRATION SEGREGATION BLDG DEMO PLAN.





AREA 3 - FLOOR PLAN MEDICAL / EDUCATION / SERVICES FIRE ALARM DEMO PLAN

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

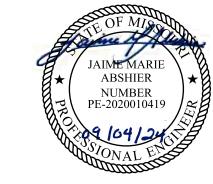


PLAN NOTES

- 1. DEMO ALL EXISTING FIRE ALARM DEVICES
- 2. EXISTING FIRE ALARM WIRING AND CONDUIT MAY BE RE-UTILIZED. FIRE ALARM CONTRACTOR TO VERIFY INTEGRITY OF WIRE AND CONDUIT.



STATE OF MISSOURI



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

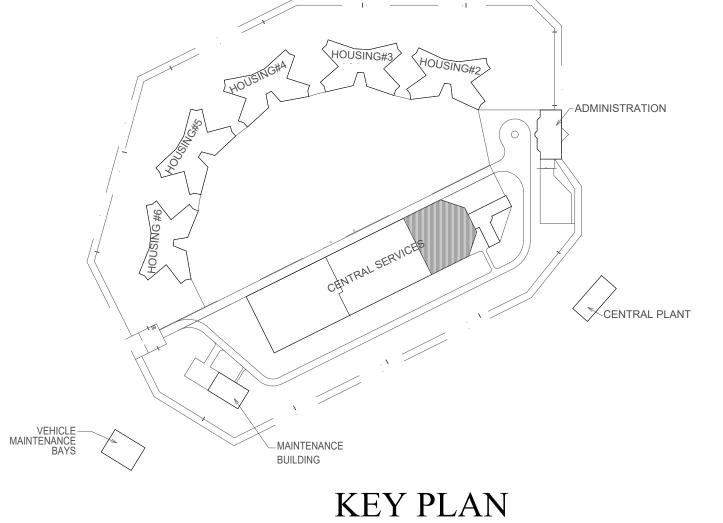
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

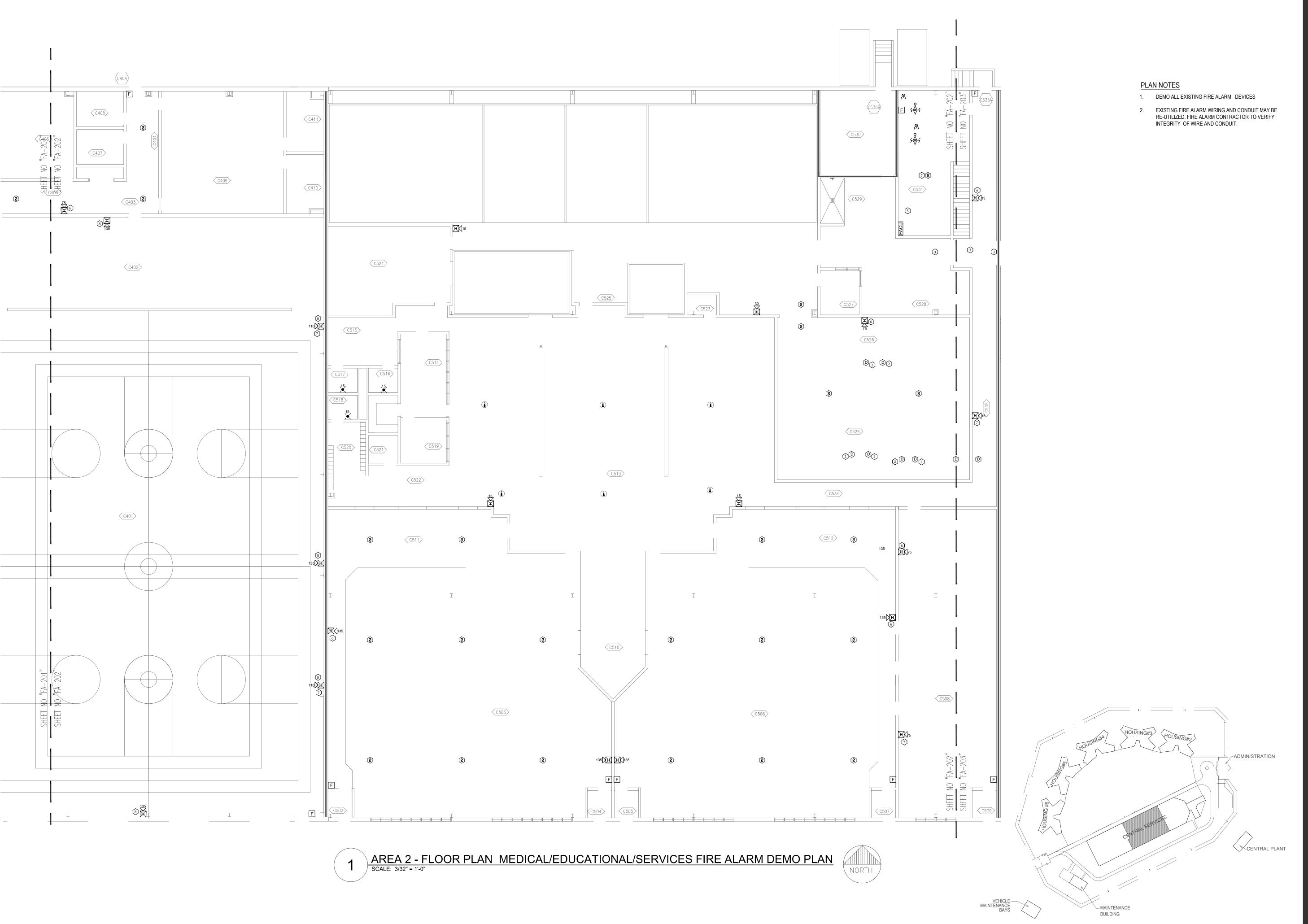
CAD DWG FILE: C2404-01-FA-FP-120
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

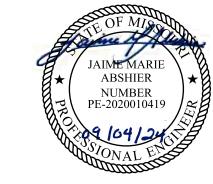
AREA 3 - FLOOR
PLAN MEDICAL/
EDUCATIONAL/SERVICES
FIRE ALARM DEMO PLAN

SHEET NUMBER: FAD-201





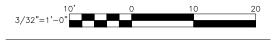
STATE OF MISSOURI MICHAEL L. PARSON, GOVERNOR



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

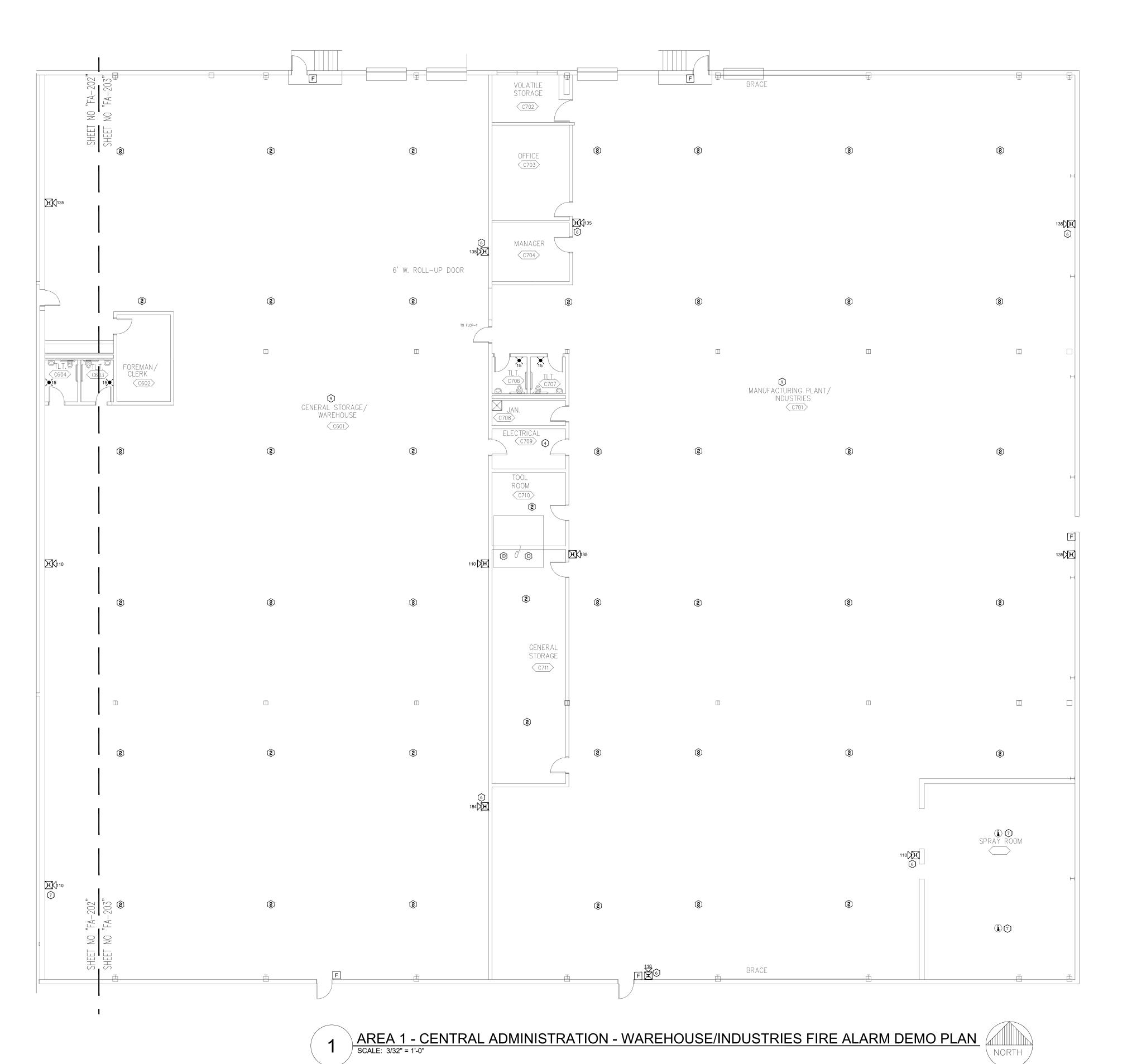
CAD DWG FILE:C2404-01-FA-FP-121
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

AREA 2 - FLOOR
PLAN MEDICAL/
EDUCATIONAL /SERVICES
FIRE ALARM DEMO PLAN

SHEET NUMBER: FAD-202

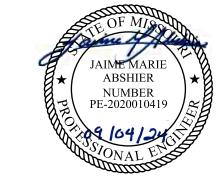
21 OF 27 SHEETS 09/04/2024



PLAN NOTES

- 1. DEMO ALL EXISTING FIRE ALARM DEVICES
- EXISTING FIRE ALARM WIRING AND CONDUIT MAY BE RE-UTILIZED. FIRE ALARM CONTRACTOR TO VERIFY INTEGRITY OF WIRE AND CONDUIT.

STATE OF MISSOURI MICHAEL L. PARSON, GOVERNOR



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

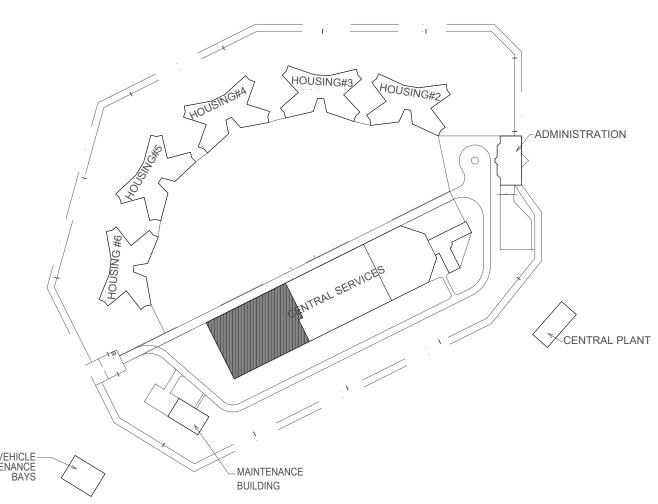
CAD DWG FILE: C2404-01-FA-FP-122
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

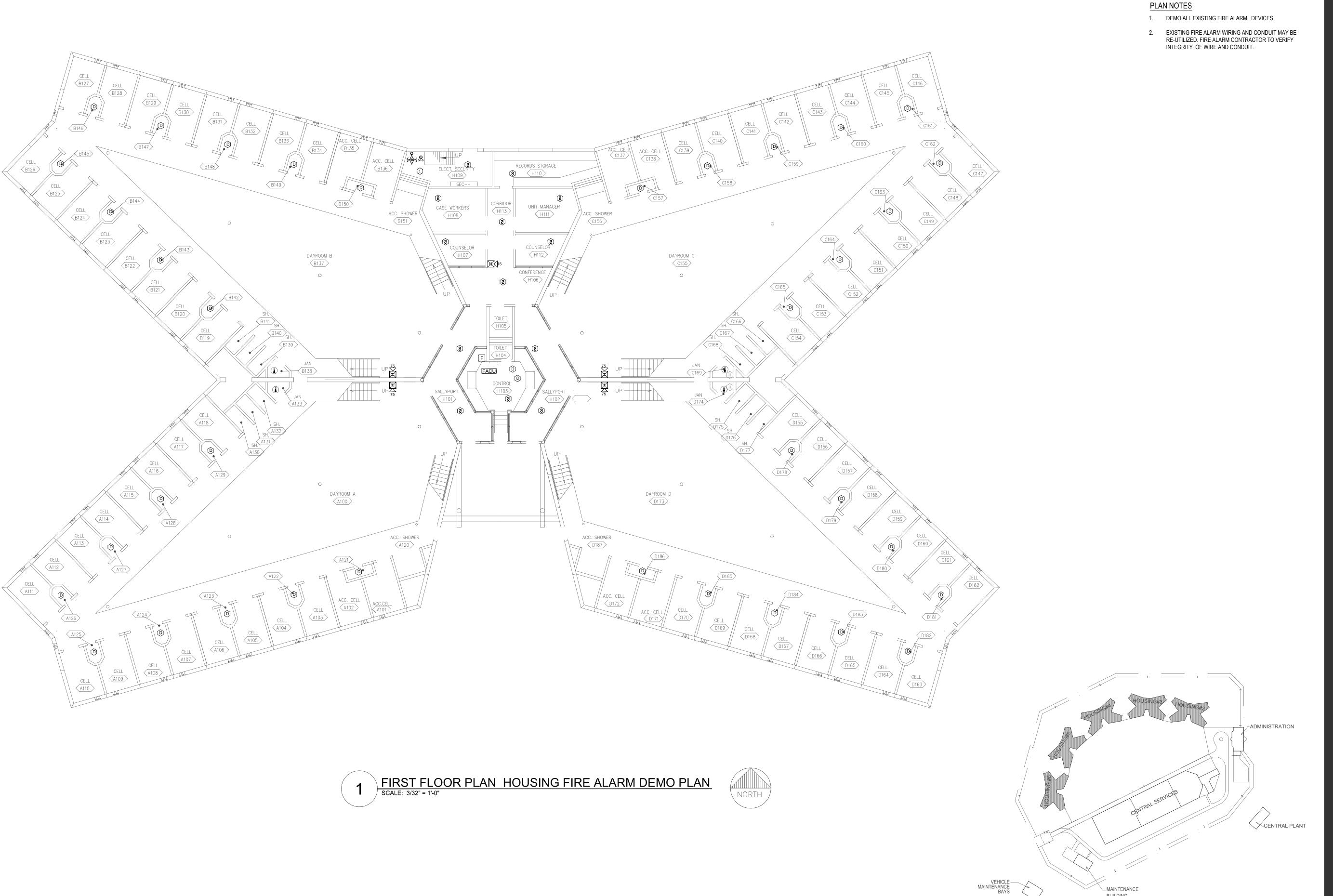
SHEET TITLE:

AREA 1 - CENTRAL
ADMINISTRATION WAREHOUSE/INDUSTRIES
FIRE ALARM DEMO PLAN

SHEET NUMBER: FAD-203

22 OF 27 SHEETS 09/04/2024





STATE OF MISSOURI MICHAEL L. PARSON, GOVERNOR



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

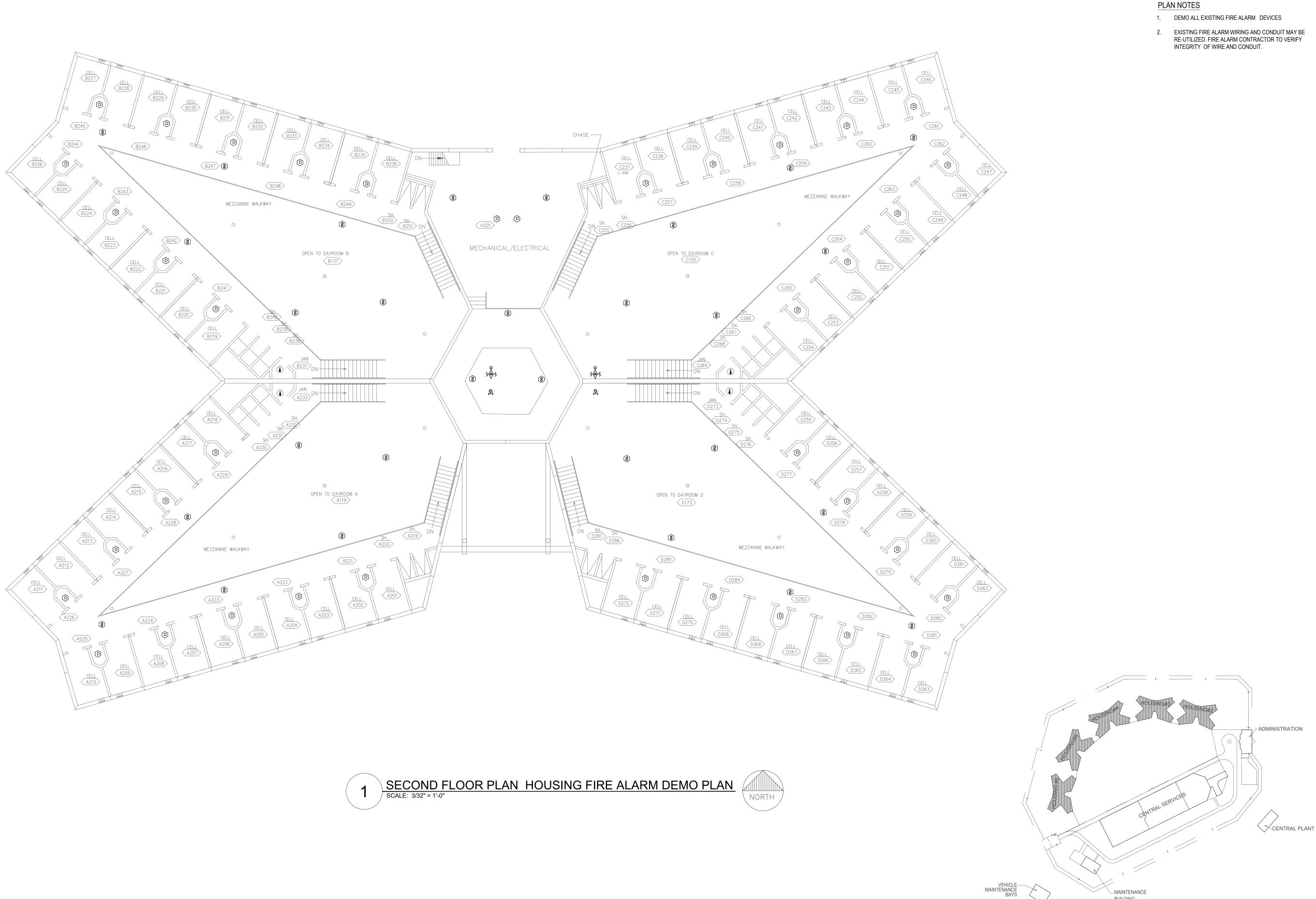
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

CAD DWG FILE: C2404-01-FA-FP-123
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:
FIRST FLOOR
PLAN HOUSING
FIRE ALARM DEMO
PLAN

SHEET NUMBER: FAD-300

23 OF 27 SHEETS 09/04/2024



- EXISTING FIRE ALARM WIRING AND CONDUIT MAY BE RE-UTILIZED. FIRE ALARM CONTRACTOR TO VERIFY INTEGRITY OF WIRE AND CONDUIT.

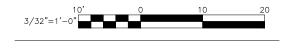




FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 7015 9327015027 ASSET #

REVISION: DATE:_ REVISION:_ DATE: REVISION: DATE: ISSUE DATE: 09/04/2024

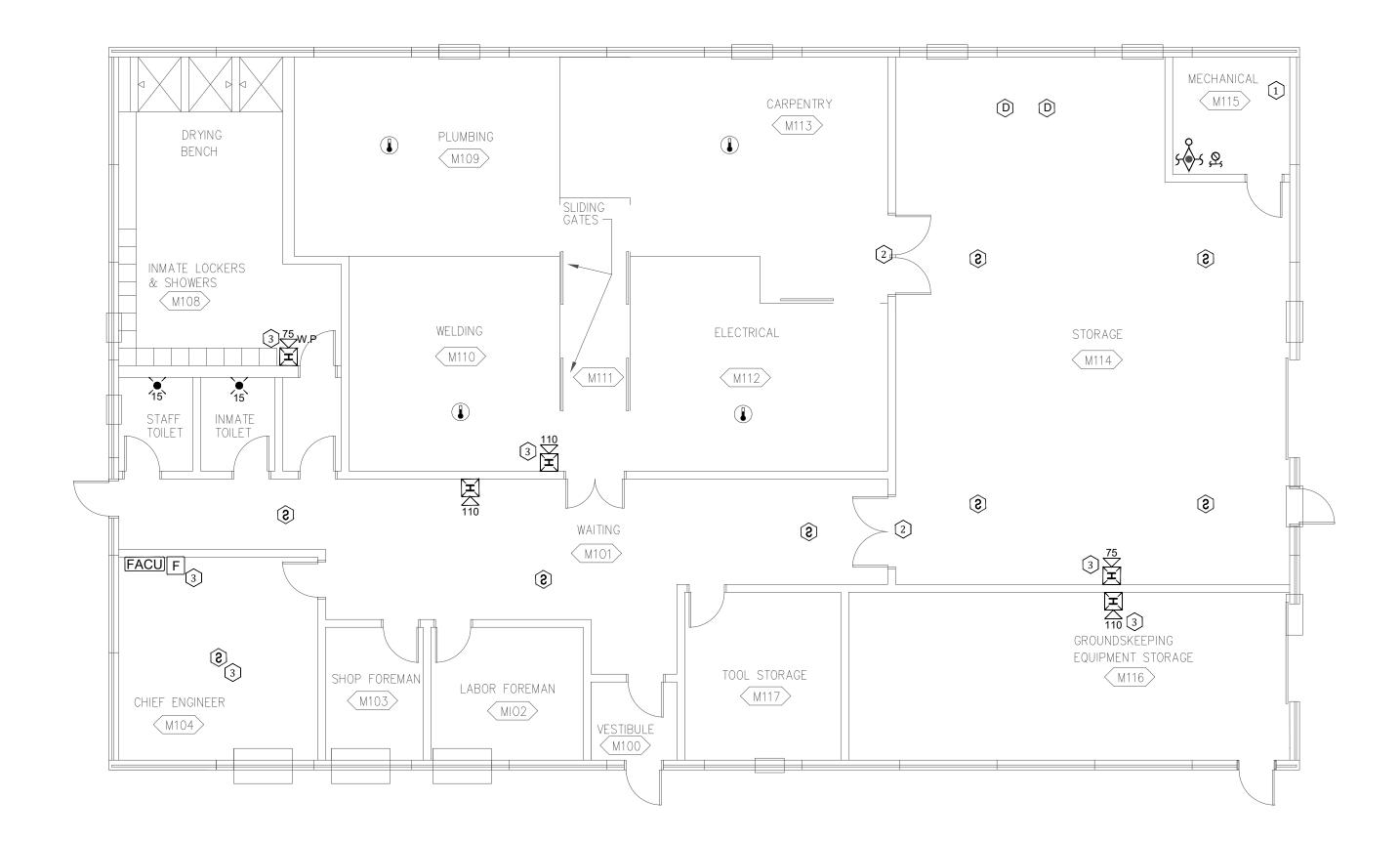
CAD DWG FILE: C2404-01-FA-FP-124
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

SECOND FLOOR PLAN **HOUSING FIRE** ALARM DEMO PLAN

SHEET NUMBER: FAD-301

24 OF 27 SHEETS 09/04/2024



1 MAINTENANCE/SERVICE BUILDING FIRE ALARM DEMO PLAN
SCALE: 1/8" = 1'-0"

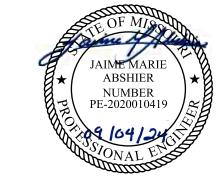


PLAN NOTES

- 1. DEMO ALL EXISTING FIRE ALARM DEVICES
- EXISTING FIRE ALARM WIRING AND CONDUIT MAY BE RE-UTILIZED. FIRE ALARM CONTRACTOR TO VERIFY INTEGRITY OF WIRE AND CONDUIT.

MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
DATE:

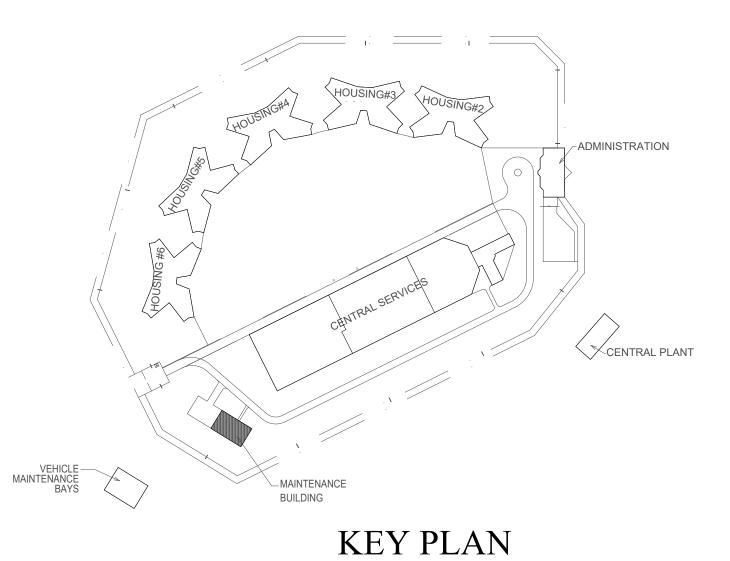
ISSUE DATE: 09/04/2024

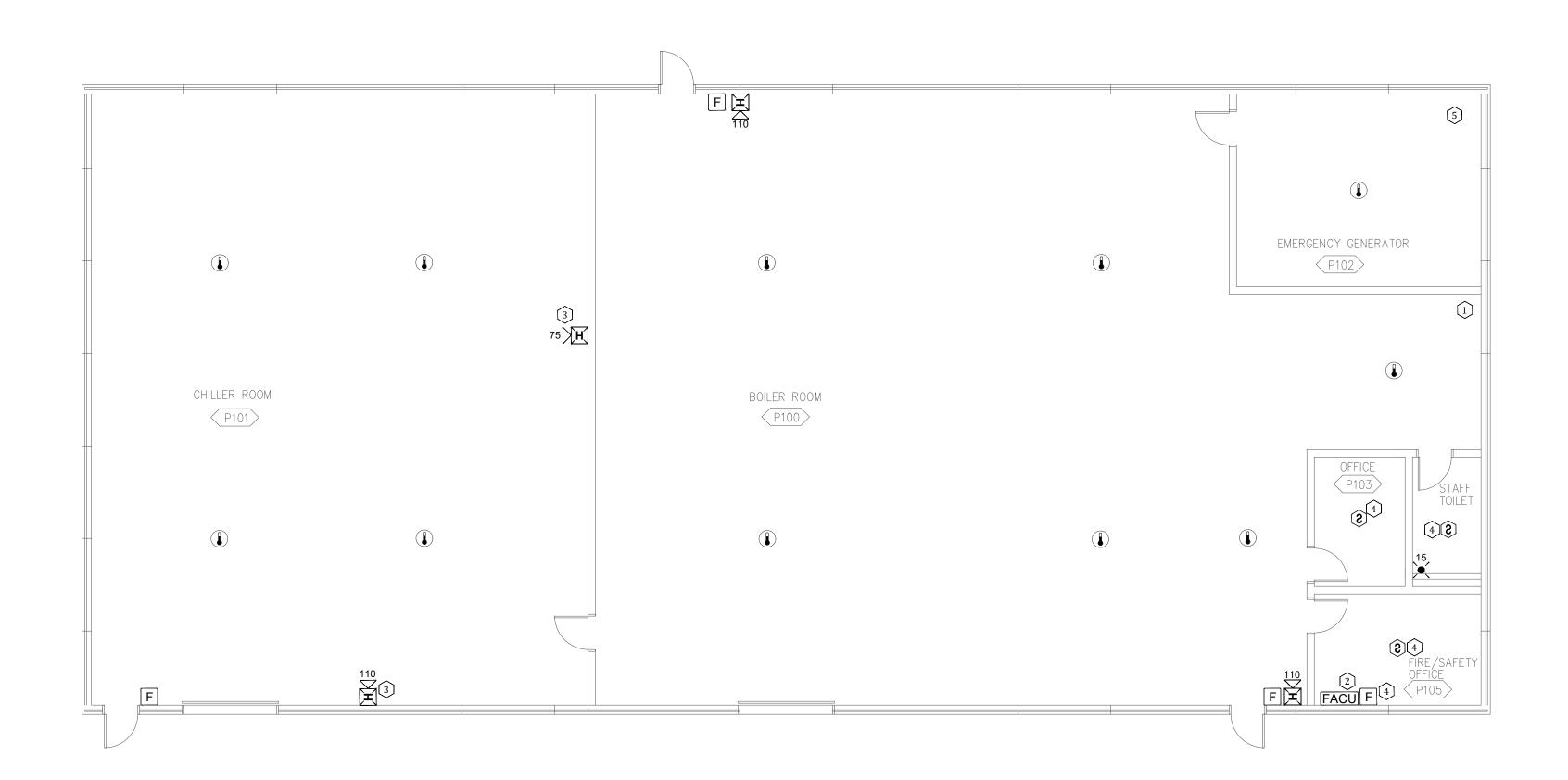
CAD DWG FILE: C2404-01-FA-FP-125
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

MAINTENANCE/ SERVICE BUILDING FIRE ALARM DEMO PLAN

SHEET NUMBER: FAD-400





1 CENTRAL PLANT BUILDING FIRE ALARM DEMO PLAN
SCALE: 1/8" = 1'-0"



PLAN NOTES

- 1. DEMO ALL EXISTING FIRE ALARM DEVICES
- EXISTING FIRE ALARM WIRING AND CONDUIT MAY BE RE-UTILIZED. FIRE ALARM CONTRACTOR TO VERIFY INTEGRITY OF WIRE AND CONDUIT.

MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

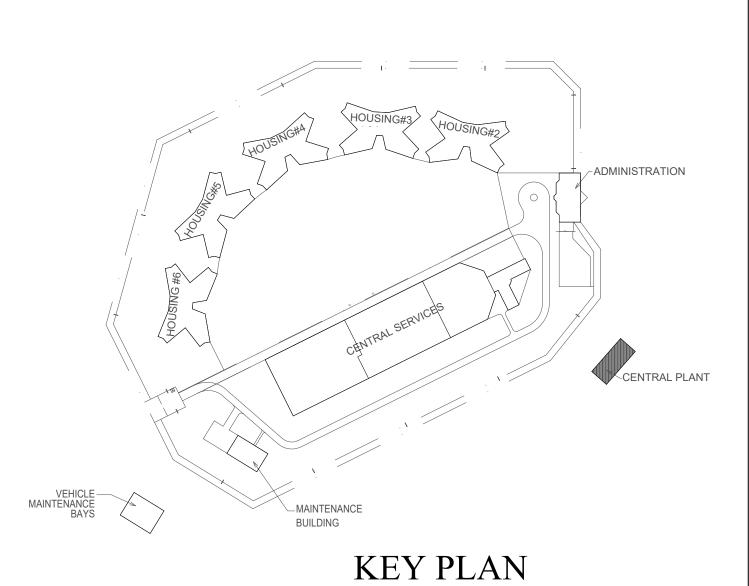
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

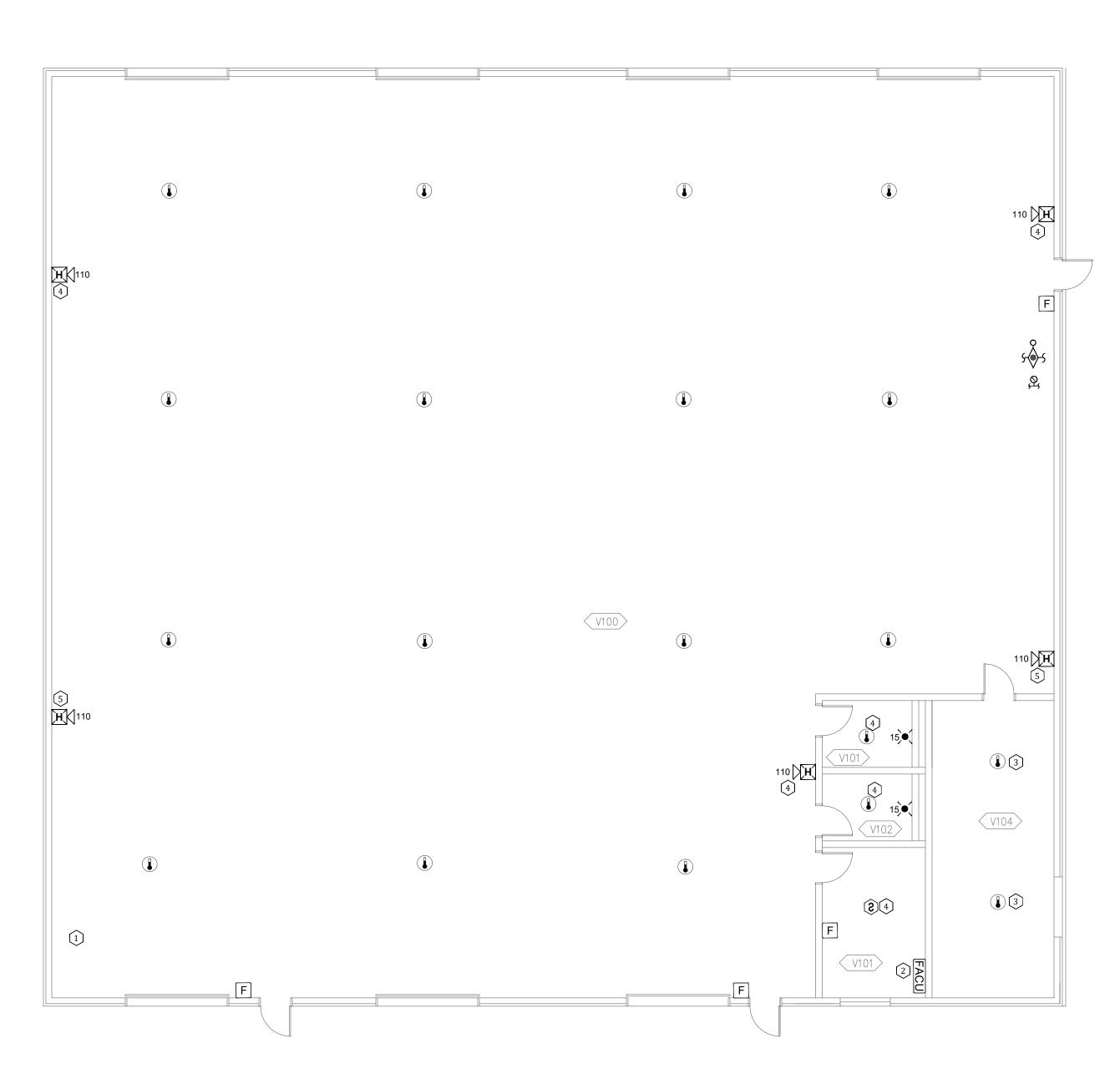
CAD DWG FILE: C2404-01-FA-FP-126
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

CENTRAL PLANT
BUILDING FIRE
ALARM DEMO PLAN

SHEET NUMBER: FAD-500





1 VEHICLE MAINTENANCE BUILDING FIRE ALARM DEMO PLAN
SCALE: 1/8" = 1'-0"

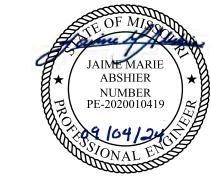


PLAN NOTES

- 1. DEMO ALL EXISTING FIRE ALARM DEVICES
- EXISTING FIRE ALARM WIRING AND CONDUIT MAY BE RE-UTILIZED. FIRE ALARM CONTRACTOR TO VERIFY INTEGRITY OF WIRE AND CONDUIT.



STATE OF MISSOURI



FOR FIRE ALARM GENERAL NOTES, SYMBOLS, & ABBREVIATIONS, REFER TO SHEET FA-002.



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, Infrastructure

Crossroads Correctional Center 1115 East Pence Rd, Cameron, MO 64429

PROJECT # C2404-01 SITE # 7015 ASSET # 9327015027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/04/2024

CAD DWG FILE: C2404-01-FA-FP-127
DRAWN BY: DB
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

VEHICLE
MAINTENANCE
BUILDING FIRE ALARM
DEMO PLAN

SHEET NUMBER: FAD-600

