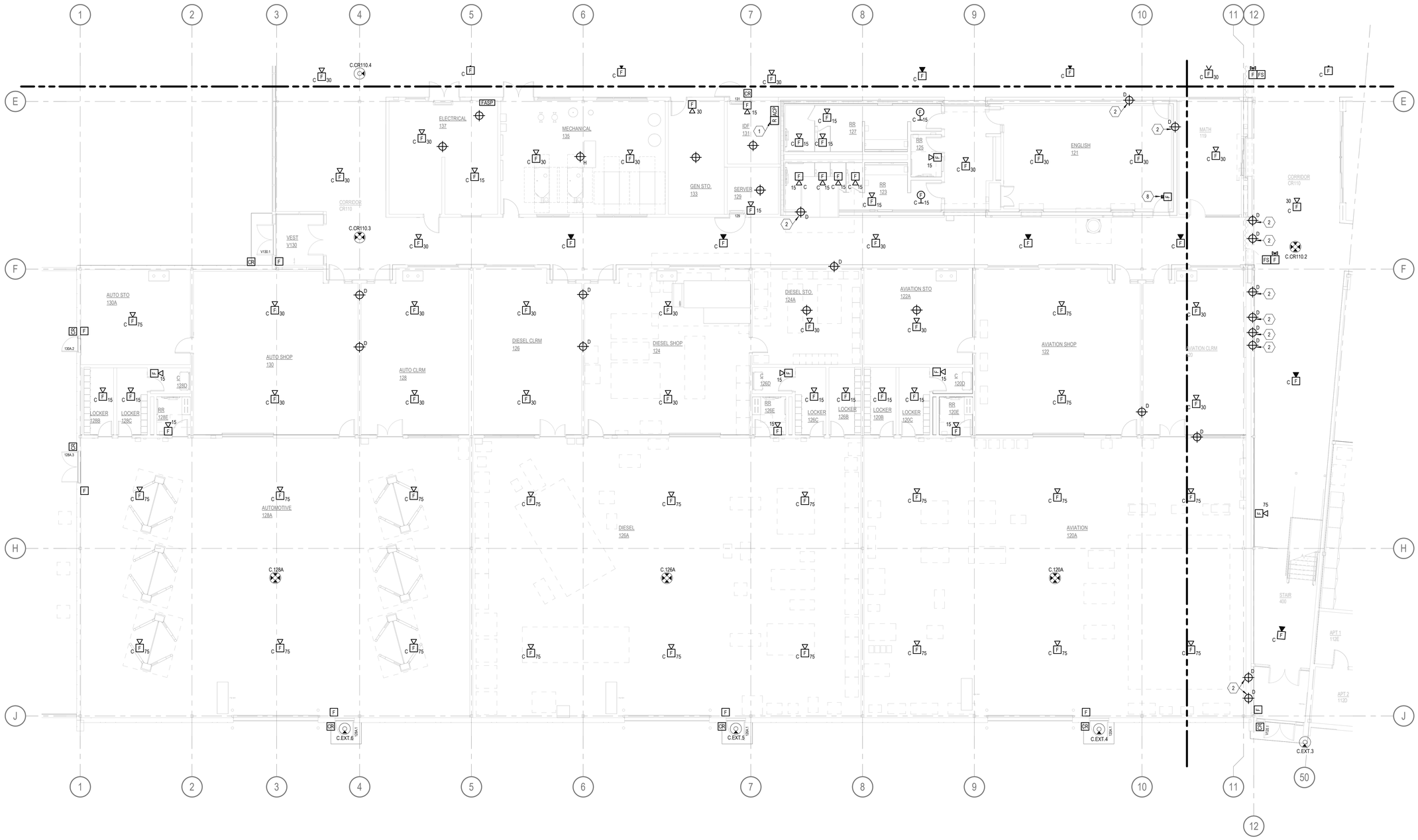
SECURITY AND FIRE ALARM NOTES	
KEYNOTE	DESCRIPTION
1	FIRE ALARM RELAY DEVICE. SEE THE FIRE ALARM SPECIFICATIONS FOR ADDITIONAL INFORMATION. PROVIDE ALL NECESSARY INTERCONNECTIONS BETWEEN FIRE ALARM RELAY AND ACCESS CONTROL SYSTEM DOOR CONTROLLER SO AS TO OPERATE THE DOOR LOCKING MECHANISMS IN THE EVENT OF A FIRE ALARM CONDITION. ADDITIONAL RELAY LOCATIONS MAY BE NECESSARY IN ORDER TO SATISFY ALL DOOR HARDWARE SEQUENCE OF OPERATION REQUIREMENTS. EXACT QUANTITY AND LOCATION SHALL BE COORDINATED WITH OWNER'S SECURITY REPRESENTATIVES AND DOOR HARDWARE PROVIDER/INSTALLER. CONTRACTOR SHALL COORDINATE WITH OWNER AND DOOR HARDWARE PROVIDER ON WHETHER DOOR SHOULD BE 'FAIL-SAFE' OR 'FAIL-SECURE'.
2	120V ELECTRICAL CONNECTION TO FIRE SMOKE DAMPER. PROVIDE ALL NECESSARY CONNECTIONS TO DAMPER SO THAT UPON FIRE ALARM CONDITION OR DUCT SMOKE DETECTOR ACTIVATION, THE DAMPER CLOSES. COORDINATE EXACT CONNECTION REQUIRMENTS AND LOCATION WITH THE MECHANICAL CONTRACTOR.
8	PROVIDE 120V POWER FROM THE CLOSEST GENERAL-PURPOSE RECEPTACLE CIRCUIT IN THE AREA TO MAGNETIC DOOR HOLD OPEN DEVICES. PROVIDE ALL NECESSARY CONNECTIONS FROM HOLD OPEN DEVICE TO FIRE ALARM SYSTEM SO THAT IN A FIRE ALARM EVENT, THE DOORS ARE RELEASED AND WILL CLOSE. IF POWER TO 120V CIRCUIT IS LOST, DOOR SHALL RELEASE AND CLOSE. COORDINATE EXACT REQUIREMENTS WITH THE DOOR HARDWARE SUPPLIER/INSTALLER.



FIRST FLOOR SECURITY & FIRE ALARM PLAN - AREA B

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

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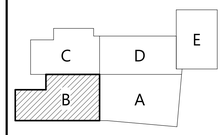


Key Plan

ORIGINAL CONTRACT DOCUMENTS

Platte County R3 Northland Workforce Development Center

9550 N Platte Purchase Dr.
Kansas City, MO 64154

CE No.: 388-022-22

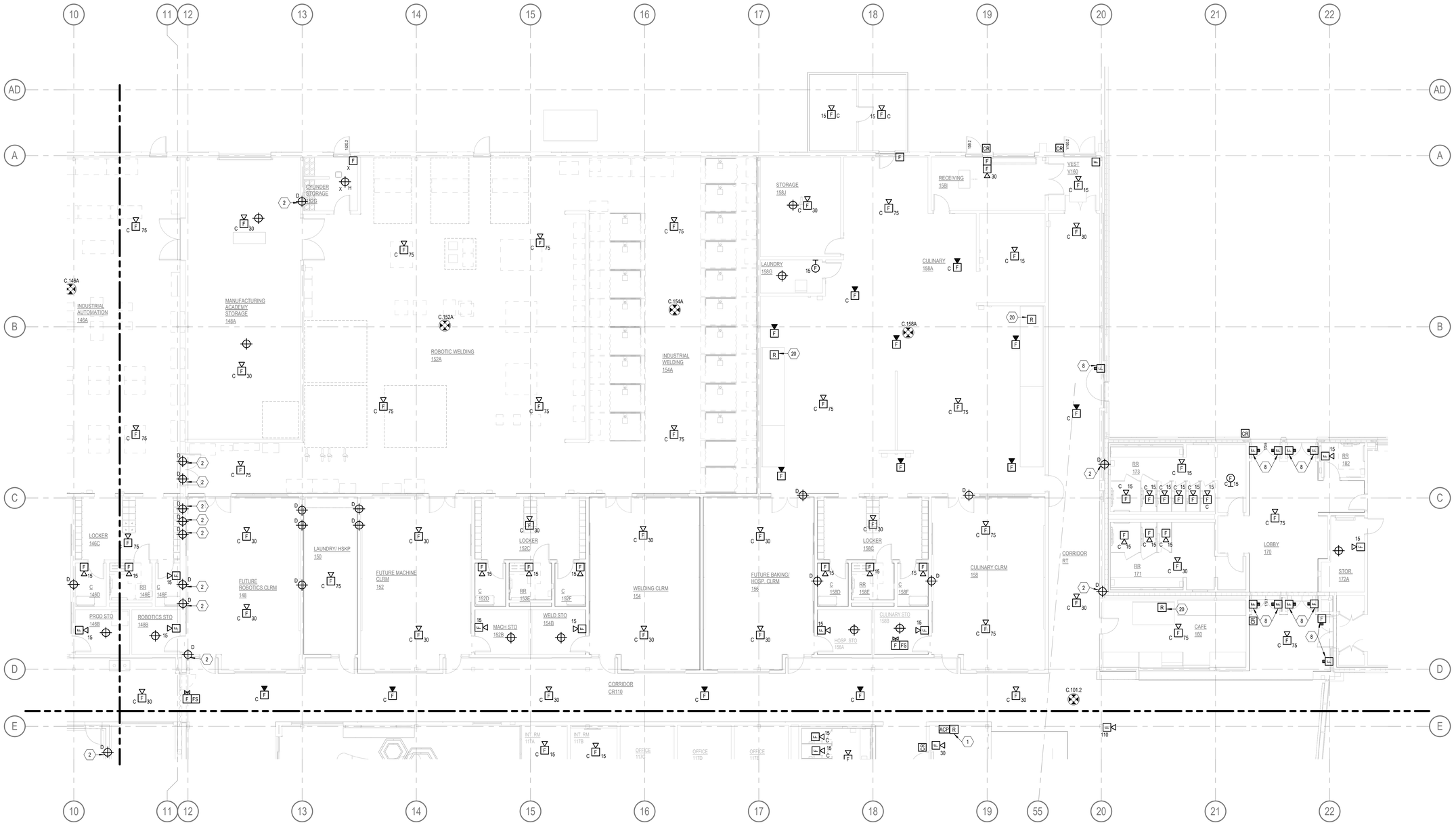
May 1, 2025

STATE OF MISSOURI
JONATHAN JOSEPH HENDRIX
NUMBER PE - 2022001149
PROFESSIONAL ENGINEER
5/1/2025

First Floor Security & Fire Alarm Plan - Area B

T1.31B

SECURITY AND FIRE ALARM NOTES	
KEYNOTE	DESCRIPTION
1	FIRE ALARM RELAY DEVICE. SEE THE FIRE ALARM SPECIFICATIONS FOR ADDITIONAL INFORMATION. PROVIDE ALL NECESSARY INTERCONNECTIONS BETWEEN FIRE ALARM RELAY AND ACCESS CONTROL SYSTEM DOOR CONTROLLER SO AS TO OPERATE THE DOOR LOCKING MECHANISMS IN THE EVENT OF A FIRE ALARM CONDITION. ADDITIONAL RELAY LOCATIONS MAY BE NECESSARY IN ORDER TO SATISFY ALL DOOR HARDWARE SEQUENCE OF OPERATION REQUIREMENTS. EXACT QUANTITY AND LOCATION SHALL BE COORDINATED WITH OWNER'S SECURITY REPRESENTATIVES AND DOOR HARDWARE PROVIDER/INSTALLER. CONTRACTOR SHALL COORDINATE WITH OWNER AND DOOR HARDWARE PROVIDER ON WHETHER DOOR SHOULD BE 'FAIL-SAFE' OR 'FAIL-SECURE'.
2	120V ELECTRICAL CONNECTION TO FIRE SMOKE DAMPER. PROVIDE ALL NECESSARY CONNECTIONS TO DAMPER SO THAT UPON FIRE ALARM CONDITION OR DUCT SMOKE DETECTOR ACTIVATION, THE DAMPER CLOSES. COORDINATE EXACT CONNECTION REQUIRMENTS AND LOCATION WITH THE MECHANICAL CONTRACTOR.
8	PROVIDE 120V POWER FROM THE CLOSEST GENERAL-PURPOSE RECEPTACLE CIRCUIT IN THE AREA TO MAGNETIC DOOR HOLD OPEN DEVICES. PROVIDE ALL NECESSARY CONNECTIONS FROM HOLD OPEN DEVICE TO FIRE ALARM SYSTEM SO THAT IN A FIRE ALARM EVENT, THE DOORS ARE RELEASED AND WILL CLOSE. IF POWER TO 120V CIRCUIT IS LOST, DOOR SHALL RELEASE AND CLOSE. COORDINATE EXACT REQUIREMENTS WITH THE DOOR HARDWARE SUPPLIER/INSTALLER.
20	PROVIDE NECESSARY CONNECTIONS TO KITCHEN EXHAUST HOOD FIRE SUPPRESSION SYSTEM. CONNECT SYSTEM TO NEAREST FIRE ALARM SYSTEM ZONE SUCH THAT WHEN SUPPRESSION SYSTEM IS ACTIVATED, AN APPROPRIATE ZONE FIRE ALARM LAMP IS LIT AT THE CONTROL PANEL AND THE ANNUNCIATOR. FULLY COORDINATE SYSTEM LOCATION AND CONNECTION REQUIREMENTS WITH THE SUPPRESSION SYSTEM SUPPLIER/INSTALL. FULLY COORDINATE FIRE ALARM SYSTEM CONNECTION AND FIRE ALARM SYSTEM RESPONSE WITH AHJ AND FIRE MARSHAL.



Plan North

FIRST FLOOR SECURITY & FIRE ALARM PLAN - AREA D

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

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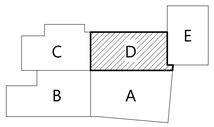

Key Plan

ORIGINAL CONTRACT DOCUMENTS

Platte County R3 Northland Workforce Development Center

9550 N Platte Purchase Dr.
Kansas City, MO 64154

CE No.: 388-022-22

May 1, 2025

First Floor Security & Fire Alarm Plan - Area D

T1.31D

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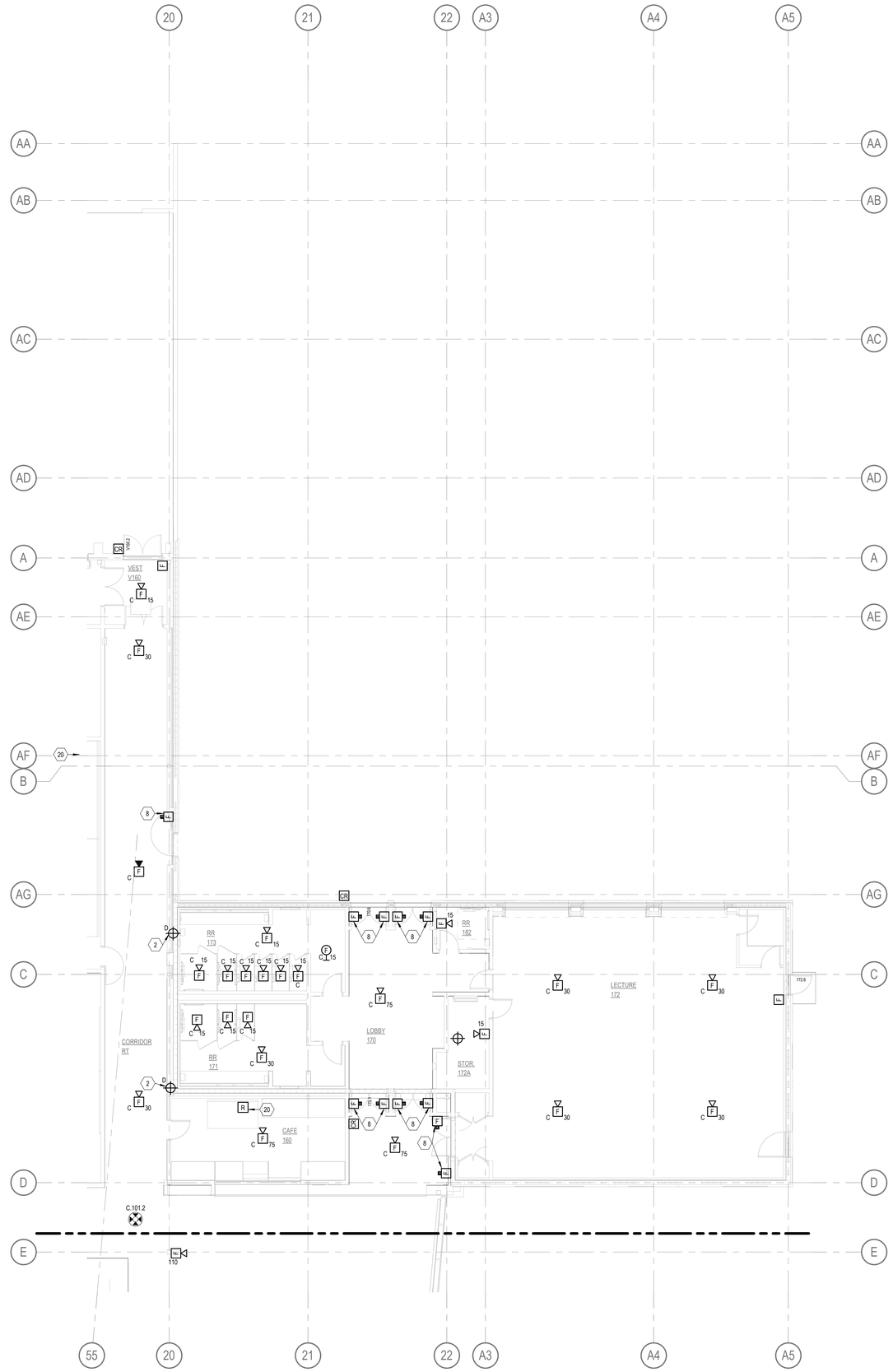

SECURITY AND FIRE ALARM NOTES	
KEYNOTE	DESCRIPTION
2	120V ELECTRICAL CONNECTION TO FIRE SMOKE DAMPER. PROVIDE ALL NECESSARY CONNECTIONS TO DAMPER SO THAT UPON FIRE ALARM CONDITION OR DUCT SMOKE DETECTOR ACTIVATION, THE DAMPER CLOSES. COORDINATE EXACT CONNECTION REQUIRMENTS AND LOCATION WITH THE MECHANICAL CONTRACTOR.
8	PROVIDE 120V POWER FROM THE CLOSEST GENERAL-PURPOSE RECEPTACLE CIRCUIT IN THE AREA TO MAGNETIC DOOR HOLD OPEN DEVICES. PROVIDE ALL NECESSARY CONNECTIONS FROM HOLD OPEN DEVICE TO FIRE ALARM SYSTEM SO THAT IN A FIRE ALARM EVENT, THE DOORS ARE RELEASED AND WILL CLOSE. IF POWER TO 120V CIRCUIT IS LOST, DOOR SHALL RELEASE AND CLOSE. COORDINATE EXACT REQUIREMENTS WITH THE DOOR HARDWARE SUPPLIER/INSTALLER.
20	PROVIDE NECESSARY CONNECTIONS TO KITCHEN EXHAUST HOOD FIRE SUPPRESSION SYSTEM. CONNECT SYSTEM TO NEAREST FIRE ALARM SYSTEM ZONE SUCH THAT WHEN SUPPRESSION SYSTEM IS ACTIVATED, AN APPROPRIATE ZONE FIRE ALARM LAMP IS LIT AT THE CONTROL PANEL AND THE ANNUNCIATOR. FULLY COORDINATE SYSTEM LOCATION AND CONNECTION REQUIREMENTS WITH THE SUPPRESSION SYSTEM SUPPLIER/INSTALL. FULLY COORDINATE FIRE ALARM SYSTEM CONNECTION AND FIRE ALARM SYSTEM RESPONSE WITH AHJ AND FIRE MARSHAL.

FIRST FLOOR SECURITY & FIRE ALARM PLAN - AREA E

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

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Key Plan

ORIGINAL CONTRACT DOCUMENTS

Platte County R3 Northland Workforce Development Center

9550 N Platte Purchase Dr.
Kansas City, MO 64154

CE No.: 388-022-22

May 1, 2025

First Floor Security & Fire Alarm Plan - Area E

T1.31E

Plot Time Stamp: 5/1/2025 4:00:43 PM
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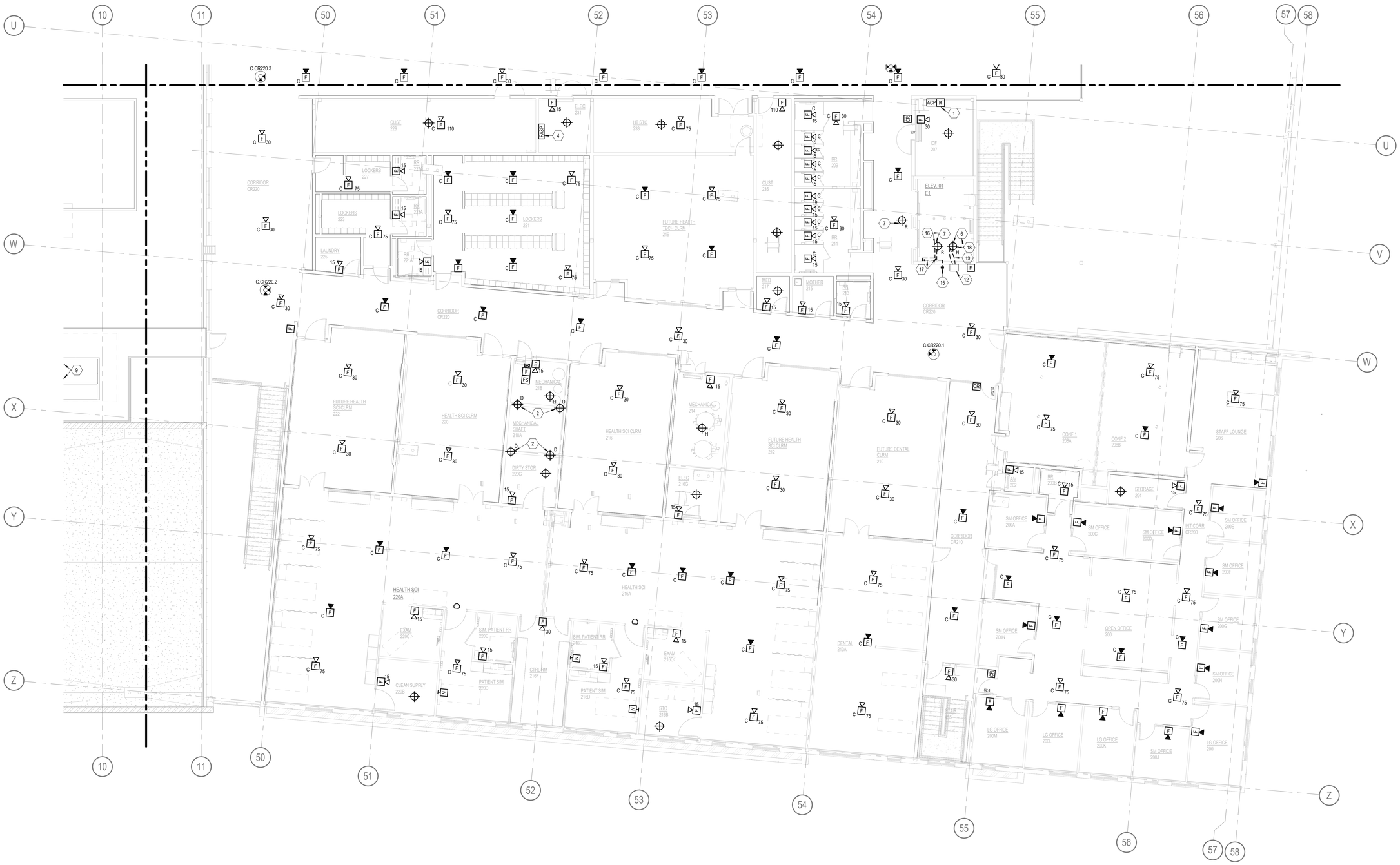
SECURITY AND FIRE ALARM NOTES	
KEYNOTE	DESCRIPTION
1	FIRE ALARM RELAY DEVICE. SEE THE FIRE ALARM SPECIFICATIONS FOR ADDITIONAL INFORMATION. PROVIDE ALL NECESSARY INTERCONNECTIONS BETWEEN FIRE ALARM RELAY AND ACCESS CONTROL SYSTEM DOOR CONTROLLER SO AS TO OPERATE THE DOOR LOCKING MECHANISMS IN THE EVENT OF A FIRE ALARM CONDITION. ADDITIONAL RELAY LOCATIONS MAY BE NECESSARY IN ORDER TO SATISFY ALL DOOR HARDWARE SEQUENCE OF OPERATION REQUIREMENTS. EXACT QUANTITY AND LOCATION SHALL BE COORDINATED WITH OWNER'S SECURITY REPRESENTATIVES AND DOOR HARDWARE PROVIDER/INSTALLER. CONTRACTOR SHALL COORDINATE WITH OWNER AND DOOR HARDWARE PROVIDER ON WHETHER DOOR SHOULD BE 'FAIL-SAFE' OR 'FAIL-SECURE'.
2	120V ELECTRICAL CONNECTION TO FIRE SMOKE DAMPER. PROVIDE ALL NECESSARY CONNECTIONS TO DAMPER SO THAT UPON FIRE ALARM CONDITION OR DUCT SMOKE DETECTOR ACTIVATION, THE DAMPER CLOSES. COORDINATE EXACT CONNECTION REQUIRMENTS AND LOCATION WITH THE MECHANICAL CONTRACTOR.
4	PROVIDE 120V ELECTRICAL CONNECTION TO NEW FIRE ALARM POWER SUPPLY PANEL. PROVIDE QUANTITY OF SUPPLY PANELS AS REQUIRED TO ACCOMMODATE ACTUAL DEVICE COUNT AND CIRCUITING REQUIREMENTS.
6	LOCATE A LINEAR HEAT DETECTOR CABLE WITHIN 2'-0" OF EACH SPRINKLER HEAD IN THE ELEVATOR EQUIPMENT ROOM. COORDINATE THE NUMBER AND LOCATION OF SPRINKLER HEADS WITH THE MECHANICAL CONTRACTOR. PROVIDE CONNECTIONS BETWEEN THE FIRE ALARM SYSTEM AND THE SHUNT TRIP MECHANISM ON THE DISCONNECT SWITCH FEEDING THE ELEVATOR CONTROLLER SO THAT UPON ACTIVATION OF ANY ROOM HEAT DETECTOR, THE SHUNT TRIP MECHANISM TRIPS TO THE OPEN POSITION.
7	PROVIDE SMOKE DETECTOR AT THIS LOCATION. PROVIDE ALL NECESSARY RELAYS AND CONNECTIONS TO THE ELEVATOR CONTROLLER FOR CODE REQUIRED ELEVATOR RECALL. COORDINATE CONNECTIONS WITH THE ELEVATOR SUPPLIER/INSTALLER.
9	INSTALL DUCT DETECTOR WITH DRY CONTACTS FOR INTERCONNECTION WITH MECHANICAL BMS SYSTEM IN DUCT NEAR THIS LOCATION. PROVIDE REMOTE TEST SWITCH MOUNTED AT 60" AFF ADJACENT TO DETECTOR. LABEL THE DETECTOR WITH THE NAME OF THE UNIT BEING SERVED AND THE AIR FLOW DIRECTION. COORDINATE INSTALLATION AND LOCATION WITH THE MECHANICAL CONTRACTOR.

SECURITY AND FIRE ALARM NOTES	
KEYNOTE	DESCRIPTION
12	LOCATE THE END OF LINE RESISTOR FOR THE ELEVATOR LINEAR HEAT DETECTION SYSTEM IN A JUNCTION BOX IN THE ELEVATOR MACHINE ROOM TO ALLOW FOR EASE OF TESTING. PROVIDE ALL NECESSARY HEAT DETECTOR EQUIPMENT, CABLE, PROGRAMMING, AND CONNECTIONS REQUIRED FOR A FULLY FUNCTIONING SYSTEM INTEGRATED INTO THE FIRE ALARM SYSTEM.
15	MAINTENANCE TEST PORT FOR VESDA SYSTEM. CONFIRM LOCATION AND ROUTING WITH FIRE ALARM AND VESDA INSTALLER.
16	ELEVATOR CODE REQUIREMENTS DO NOT ALLOW SMOKE DETECTORS TO PHYSICALLY BE LOCATED IN ELEVATOR HOISTWAY. VESDA ASPIRATING SMOKE DETECTION OR APPROVED EQUAL SHALL BE PROVIDED TO ALLOW FOR REMOTE DETECTION SAMPLING OF HOISTWAY AIR SPACE. SMOKE DETECTOR AND KEY NOTE SHOWN TO REPRESENT FUNCTION OF SMOKE AIR SAMPLING SYSTEM OR APPROVED EQUAL.
17	ROUTE VESDA SMOKE DETECTION PIPING AS RECOMMENDED BY VESDA FIRE ALARM INSTALLER. PROVIDE THE QUANTITY OF AIR SAMPLING POINTS AS RECOMMENDED BY VESDA INSTALLATION INSTRUCTIONS. COORDINATE MOUNTING AND ROUTING WITH ELEVATOR INSTALLER.
18	ELEVATOR CODE REQUIREMENTS DO NOT ALLOW HEAT DETECTORS TO PHYSICALLY BE LOCATED IN ELEVATOR HOISTWAY. LINEAR CABLE HEAT DETECTORS WILL BE PROVIDED TO ALLOW FOR REMOTE TESTING OF HEAT DETECTION SYSTEM. HEAT DETECTOR AND KEY NOTE SHOWN TO REPRESENT FUNCTION OF HEAT DETECTION REQUIRED.
19	ROUTE LINEAR HEAT DETECTION CABLE AS RECOMMENDED BY FIRE ALARM INSTALLER IN A CODE COMPLIANT MANNER. INSTALL PER MANUFACTURE'S INSTRUCTIONS AND RECOMMENDATIONS. COORDINATE MOUNTING AND ROUTING WITH ELEVATOR INSTALLER.



SECOND FLOOR SECURITY & FIRE ALARM PLAN - AREA A

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

Plan North

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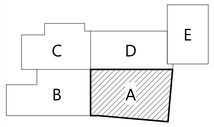

Key Plan

ORIGINAL CONTRACT DOCUMENTS

Platte County R3 Northland Workforce Development Center

9550 N Platte Purchase Dr.
Kansas City, MO 64154

CE No.: 388-022-22

May 1, 2025

Second Floor Security & Fire Alarm Plan - Area A

T1.32A